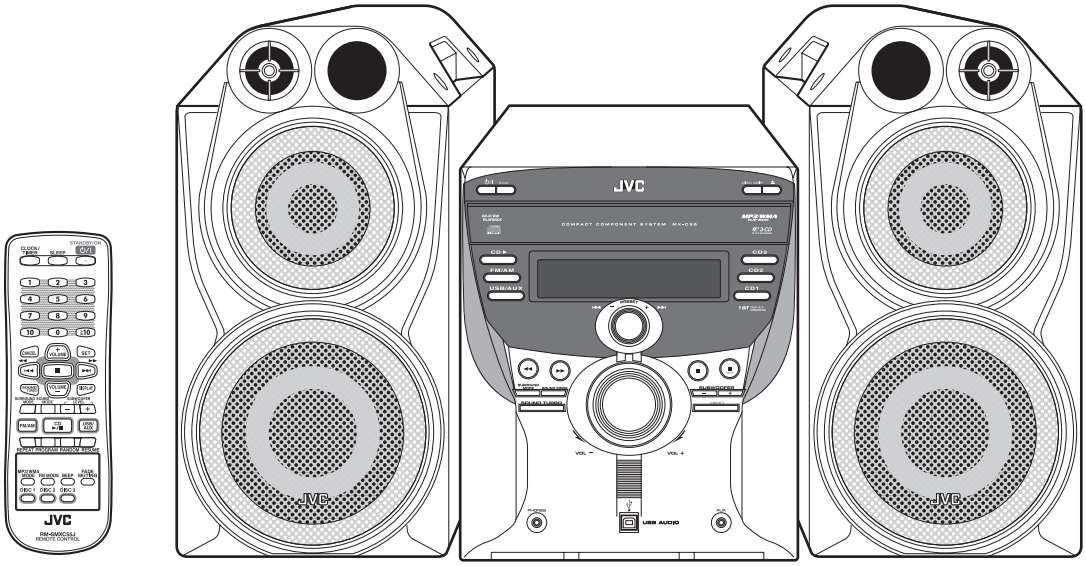
JVC

SERVICE MANUAL

COMPACT COMPONENT SYSTEM

MX-C55A



SP-MXC55 CA-MXC55 SP-MXC55

COMPACT DISC DIGITAL AUDIO

MP3 PLAYBACK

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

TABLE OF CONTENTS

1 PRECAUTION 1-3
2 SPECIFIC SERVICE INSTRUCTIONS 1-5
3 DISASSEMBLY 1-6
4 ADJUSTMENT 1-11
5 TROUBLESHOOTING 1-11

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No.MB557
2006/8

SPECIFICATION

Amplifier section (CA-MXC55)

Output Power	SUBWOOFERS	98 W per channel, min. RMS, driven into 3 Ω at 63 Hz with no more than 10% total harmonic distortion (IEC 268-3)
	MAIN SPEAKERS	80 W per channel, min. RMS, driven into 6 Ω at 1 kHz with no more than 10% total harmonic distortion (IEC 268-3)
Audio input sensitivity /Impedance*1	AUX	400 mV/47 kΩ
	USB	USB Version 1.1
Speakers/Impedance	Subwoofers	3 Ω - 6 Ω
	Main speakers	6 Ω - 16 Ω
Tuner	FM tuning range	87.50 MHz - 108.00 MHz
	AM tuning range	522 kHz - 1 710 kHz
CD player	CD Capacity	3 CDs
	Dynamic range	85 dB
	Signal-to-noise ratio	85 dB
General	Power requirement	AC 110 - 240 V , 50/60 Hz
	Power consumption	80 W /136 VA (at operation) 7.3 W (on standby) 1 W (in ECO mode)
	Dimensions (approx.)	270 mm × 317 mm × 402 mm (W/H/D) (10 11/16 in. × 12 1/2 in. × 15 7/8 in.)
	Mass (approx.)	5.9 kg (13 lbs)

*1: at 1 kHz, measured at MAIN SPEAKERS

Amplifier section (CA-MXC55)

Type		3-way bass-reflex type
Speaker units	Subwoofer	16 cm (6 5/16 in.) cone ×1
	Main Woofer	10 cm (3 15/16 in.) cone ×1
	Tweeter	5 cm (2 in.) cone ×1
Power handling capacity	Subwoofer	170 W
	Main speaker	80 W
Impedance	Subwoofer	3 Ω
	Main speaker	6 Ω
Frequency range	Subwoofer	30 Hz - 1 000 Hz
	Main speaker	100 Hz - 20 000 Hz
Sound pressure level	Subwoofer	74 dB/W·m
	Main speaker	81 dB/W·m
Dimensions (approx.)		220 mm × 435 mm × 316 mm (W/H/D) (8 11/16 in. × 17 13/16 in. × 12 1/2 in.)
Mass (approx.)		5.7 kg (12.6 lbs) each

Design and specifications are subject to change without notice.

SECTION 1
PRECAUTION

1.1 Safety Precautions

(1) This design of this product contains special hardware and many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Services should be performed by qualified personnel only.

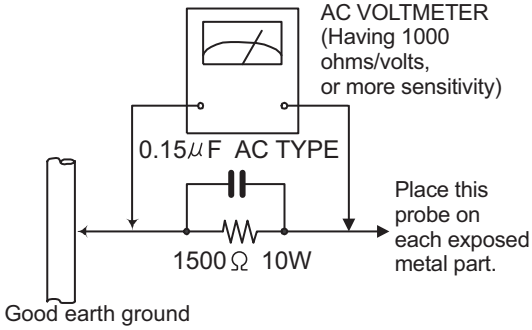
(2) Alterations of the design or circuitry of the product should not be made. Any design alterations of the product should not be made. Any design alterations or additions will void the manufacturers warranty and will further relieve the manufacture of responsibility for personal injury or property damage resulting therefrom.

(3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the Parts List of Service Manual. Electrical components having such features are identified by shading on the schematics and by (⚠) on the Parts List in the Service Manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement parts shown in the Parts List of Service Manual may create shock, fire, or other hazards.

(4) The leads in the products are routed and dressed with ties, clamps, tubings, barriers and the like to be separated from live parts, high temperature parts, moving parts and/or sharp edges for the prevention of electric shock and fire hazard. When service is required, the original lead routing and dress should be observed, and it should be confirmed that they have been returned to normal, after reassembling.

(5) Leakage shock hazard testing
After reassembling the product, always perform an isolation check on the exposed metal parts of the product (antenna terminals, knobs, metal cabinet, screw heads, headphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.Do not use a line isolation transformer during this check.

- Plug the AC line cord directly into the AC outlet. Using a "Leakage Current Tester", measure the leakage current from each exposed metal parts of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground. Any leakage current must not exceed 0.5mA AC (r.m.s.).
- Alternate check method
  Plug the AC line cord directly into the AC outlet. Use an AC voltmeter having, 1,000Ω per volt or more sensitivity in the following manner. Connect a 1,500Ω 10W resistor paralleled by a 0.15μF AC-type capacitor between an exposed metal part and a known good earth ground.
  Measure the AC voltage across the resistor with the AC voltmeter.
  Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Voltage measured any must not exceed 0.75 V AC (r.m.s.). This corresponds to 0.5 mA AC (r.m.s.).



1.2 Warning

(1) This equipment has been designed and manufactured to meet international safety standards.
(2) It is the legal responsibility of the repairer to ensure that these safety standards are maintained.
(3) Repairs must be made in accordance with the relevant safety standards.
(4) It is essential that safety critical components are replaced by approved parts.
(5) If mains voltage selector is provided, check setting for local voltage.

1.3 Caution

Burrs formed during molding may be left over on some parts of the chassis.
Therefore, pay attention to such burrs in the case of preforming repair of this system.

1.4 Critical parts for safety

In regard with component parts appearing on the silk-screen printed side (parts side) of the PWB diagrams, the parts that are printed over with black such as the resistor (▬), diode (▮) and ICP (●) or identified by the " ⚠ " mark nearby are critical for safety. When replacing them, be sure to use the parts of the same type and rating as specified by the manufacturer.
(This regulation dose not Except the J and C version)

1.5 Important for laser products

1.CLASS 1 LASER PRODUCT

2.CAUTION :
(For U.S.A.) Visible and/or invisible class II laser radiation when open. Do not stare into beam.
(Others) Visible and/or invisible class 1M laser radiation when open. Do not view directly with optical instruments.

3.CAUTION : Visible and/or invisible laser radiation when open and inter lock failed or defeated. Avoid direct exposure to beam.

4.CAUTION : This laser product uses visible and/or invisible laser radiation and is equipped with safety switches which prevent emission of radiation when the drawer is open and the safety interlocks have failed or are defeated. It is dangerous to defeat the safety switches.

5.CAUTION : If safety switches malfunction, the laser is able to function.

6.CAUTION : Use of controls, adjustments or performance of procedures other than those specified here in may result in hazardous radiation exposure.

⚠ ***CAUTION*** **Please use enough caution not to see the beam directly or touch it in case of an adjustment or operation check.**

(For U.S.A.)
CAUTION : Visible and/or invisible class II laser radiation when open. Do not stare into beam.
(Others)
CAUTION : Visible and/or invisible class 1M laser radiation when open. Do not view directly with optical instruments

ACHTUNG: Sichtbare und/oder unsichtbare Laserstrahlung der Klasse 1M bei offenen Abdeckungen. Nicht direkt mit optischen Instrumenten betrachten.

ATTENTION: Rayonnement laser visible et/ou invisible de classe 1M une fois ouvert. Ne pas regarder directement avec des instruments optiques.

VOORZICHTIG: Zichtbare en/of onzichtbare klasse 1M laserstralen indien geopend. Bekijk niet direct met optische instrumenten.

ATTENZIONE: Radiazione laser in classe 1M visibile e/o invisibile quando aperto. Non osservare direttamente con strumenti ottici.

VARNING: Synlig och/eller osynlig laserstrålning, klass 1M, när denna del är öppnad. Betrakta ej strålen med optiska instrument.

VARO!: Avattaessa olet alttiina nakyvalle ja/tai näkymättömälle luokan 1M lasersateilylle. Älä tarkastele sitä optisen laitteen läpi.

ADVARSEL: Synlig og/eller usynlig klasse 1M-laserstråling ved åbning. Se ikke direkte med optiske instrumenter.

AVISO: Radiación láser de clase 1M visible y/o invisible cuando está abierto. No mirar directamente con instrumental óptico.

PRECAUÇÃO: Radiação laser de classe 1M visível e/ou invisível quando aberto. Não olhe directamente com instrumentos ópticos.

PRECAUÇÃO: Radiação laser de classe 1M visível e/ou invisível quando aberto. Não olhe diretamente com instrumentos óticos.

ПРЕДУПРЕЖДЕНИЕ: В открытом состоянии происходит видимое и/или невидимое излучение лазера класса 1M. Не смотрите непосредственно в оптические инструменты.

UWAGA: Otwarcie spowoduje narażenie na widzialne i/lub niewidzialne promieniowanie lasera klasy 1M. Nie patrzeć bezpośrednio w przyrządy optyczne.

UPOZORNĚNÍ: Při otevření vydává viditelné popř. neviditelné laserové ozáření třídy 1M. Nedívejte se do otvoru přímo s optickými nástroji.

FIGYELMEZTETÉS: Látható és/vagy láthatatlan 1M osztályú sugárzás nyitott állapotban. Ne nézze közvetlenül optikai műszerekkel.

注意：打開蓋板可能會產生可見或不可見的 1M 級鐳射。
不要使用光學儀器直接進行窺視。

注意：打开盖板可能会产生可见或不可见的 1M 级镭射。
不要使用光学仪器直接进行窥视。

تنبيه: يوجد إشعاع ليزري مرئي و/أو غير مرئي من الفئة 1M عندما يكون الجهاز مفتوحاً. تجنب النظر مباشرة داخل الجهاز باستخدام أدوات بصرية.

احتياط: هنگامی که باز گردد، تشعشع مرئی و یا نامرئی کلاس 1M لیزر وجود دارد. با لوازم چشمی مستقیماً به آن نگاه نکنید.

주의: 개방하면 가시 및/또는 비가시 클래스 1M 레이저 방사선이 나옵니다. 광학 기구로 직접 들여다보지 마십시오.

REPRODUCTION AND POSITION OF LABELS and PRINT

WARNING LABEL and PRINT

CAUTION : INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED AVOID EXPOSURE TO BEAM
ADVARSAL : USYNLING LASERSTRALING VED ÅBNING NÅR SIKKERHEDSAFBRYDERE ER UDE AF FUNKTION UNDGA UDSATTELSE FOR STRALING
VARO : AVATTAESSA JA SUOJALUKITUS OHITETTAESSA OLET ALTTINA NAKYMATTÖ MALLELASERSATEILYLLE ALA KATSO SATEESEEN!
VARNING : OSYNLIG LASERSTRÅLNING NAR DENNA DEL AR OPPNAD OCH SPARREN AR URKOPPLAD BETRAKTA EJ STRÅLEN!

SECTION 2
SPECIFIC SERVICE INSTRUCTIONS

This service manual does not describe SPECIFIC SERVICE INSTRUCTIONS.

SECTION 3
DISASSEMBLY

3.1 Main body section

3.1.1 Removing the top cabinet (See Figs.1 and 2)

(1) From the both sides of the main body, remove the six screws **A** attaching the top cabinet. (See Fig.1)
(2) From the back side of the main body, remove the three screws **B** attaching the top cabinet. (See Fig.2)
(3) Take out the top cabinet from the main body while lifting the rear section of the top cabinet in the direction of the arrow. (See Fig.1)

3.1.2 Removing the CD mechanism assembly (See Figs.2 to 4)

- Remove the top cabinet.

(1) From the back side of the main body, remove the two screws **C** attaching the CD mechanism assembly to the rear cabinet. (See Fig.2)
(2) From the bottom side of the CD mechanism assembly, turn the gear cam in the direction of the arrow and draw the tray disc out of the CD mechanism assembly in the direction of the arrow 1. (See Fig.3, 4)
(3) Remove the CD door from the tray disc in the direction of the arrow 2. (See Fig.4)
(4) From the left side of the main body, disconnect the wire from the connector CN105 on the main AMP board. (See Fig.4)
(5) Disconnect the card wire from the connector CW105 on the CD board. (See Fig.4)
(6) From the both sides of the main body, remove the two screws **D** and then take out the CD mechanism assembly from the main body. (See Fig.4)

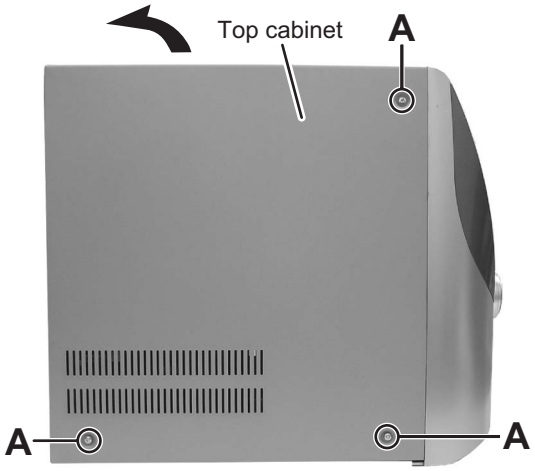


Fig.1

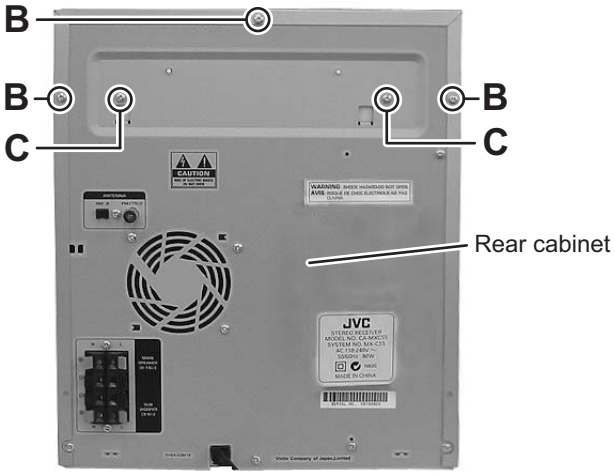


Fig.2

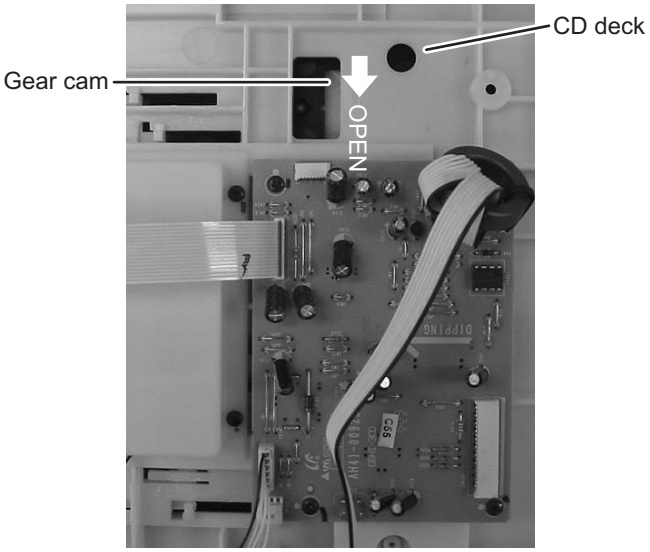


Fig.3

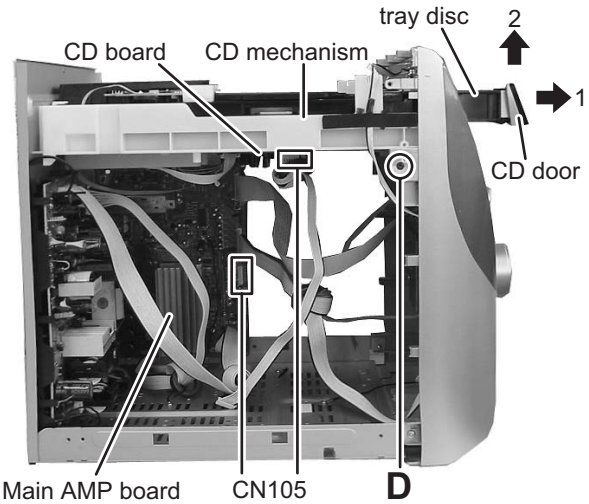


Fig.4

3.1.3 Removing the main AMP board (See Figs.5 to 7)

- Remove the top cabinet and CD mechanism assembly.
  (1) From the right side of the main body, remove the one screw **E** attaching the main AMP board to the main body. (See Fig.5)
  (2) From the top side of the main body, disconnect the wire from the connector CN108 of the main AMP board. (See Fig.6)
  (3) Disconnect the card wire from the connector CN101 on the main AMP board. (See Fig.6)
  (4) Disconnect the connector wire from the connector CN102 on the main AMP board. (See Fig.6)
  (5) Disconnect the wires from the connectors (SMCN01, SMCN02) on the SMPS board. (See Fig.6)
  (6) From the back side of the main body, remove the three screws **F** attaching the main AMP board to the rear cabinet. (See Fig.7)
  (7) Take out the main AMP board from the bottom cabinet.

3.1.4 Removing the SMPS board and rear cabinet (See Figs.6 to 8)

- Remove the top cabinet, CD mechanism assembly and the main AMP board.
  (1) From the top side of the main body, remove the screw **G** attaching the earth wire on the bottom cabinet. (See Fig.6)
  (2) From the back side of the main body, remove the three screws **H** attaching the rear cabinet. (See Fig.7)
  (3) Disengage the two hooks **a** and take out the rear cabinet. (See Fig.7)
  (4) From the inside of the rear cabinet, remove the four screws **J** attaching the SMPS board. (See Fig.8)
  (5) Remove the one screw **K** attaching the earth wire from back side of the main body. (See Fig.7)
  (6) Release the nine claws **b** and take out the SMPS board from the rear cabinet assembly. (See Fig.8)

3.1.5 Removing the fan assembly (See Figs.7 and 8)

- Remove the top cabinet, CD mechanism assembly and the main AMP board.
  (1) From the back side of the main body, remove the two screws **L** attaching the fan to the rear cabinet. (See Fig.7)
  (2) Take out the fan from the rear cabinet. (See Fig.8)

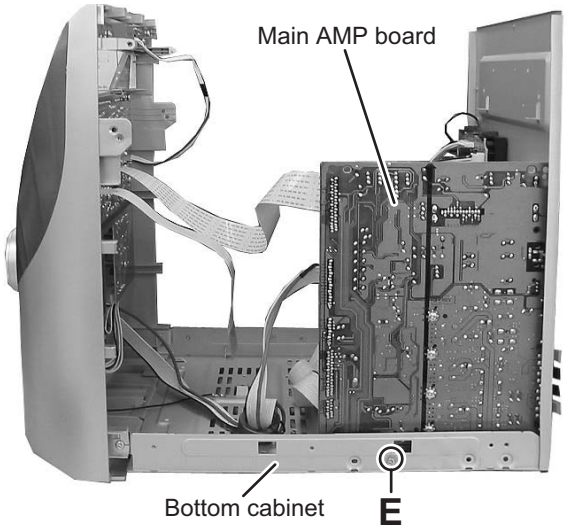


Fig.5

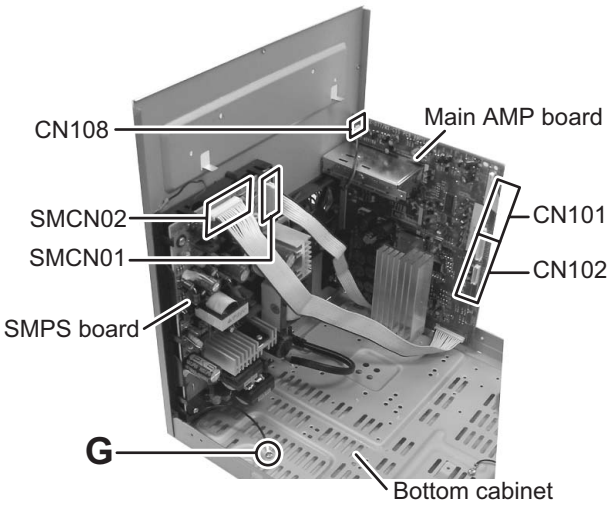


Fig.6

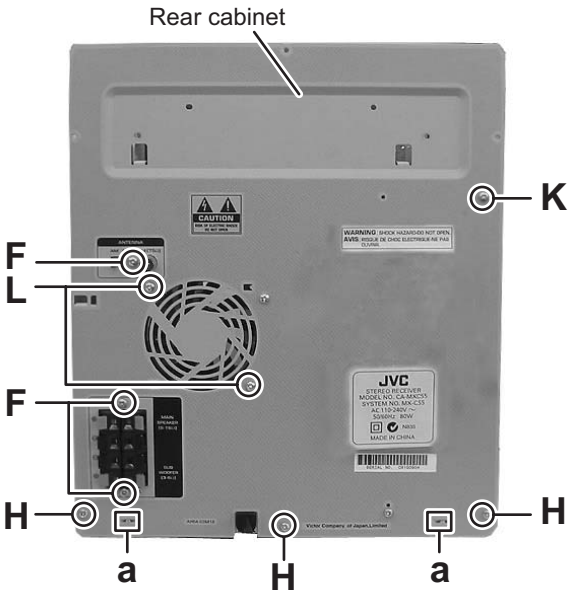


Fig.7

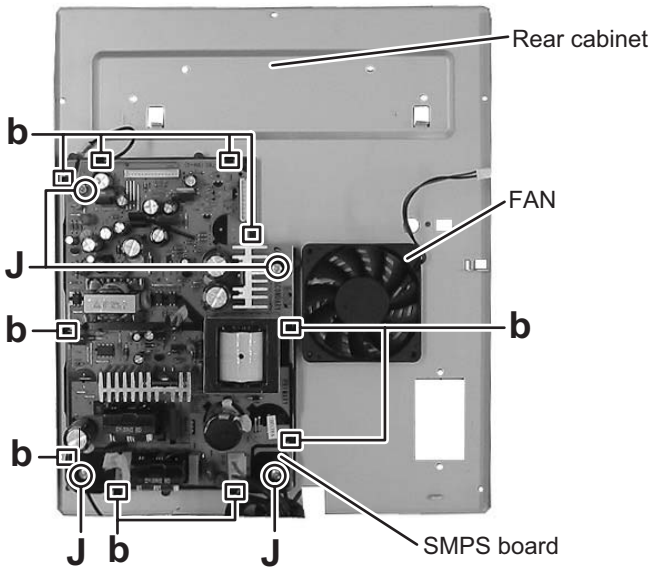


Fig.8

3.1.6 Removing the front cabinet assembly (See Figs.9 and 10)

- Remove the top cabinet and CD mechanism assembly.
  (1) From the top side of the main body, remove the one screw **M** attaching the earth wire on the bottom cabinet. (See Fig.9)
  (2) From the both sides of the main body, remove the two screws **N** attaching the front cabinet assembly. (See Fig.10)
  (3) From the both and bottom sides of the main body, release the joints (**c**, **d**) and then take out the front cabinet assembly from the main body in the direction of the arrow. (See Figs.10)

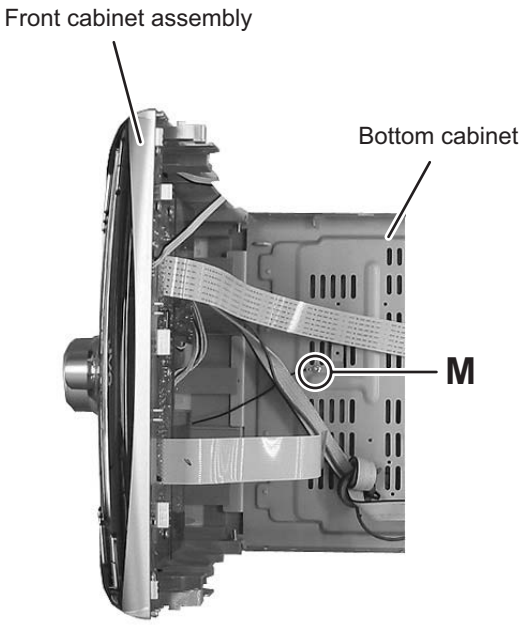


Fig.9

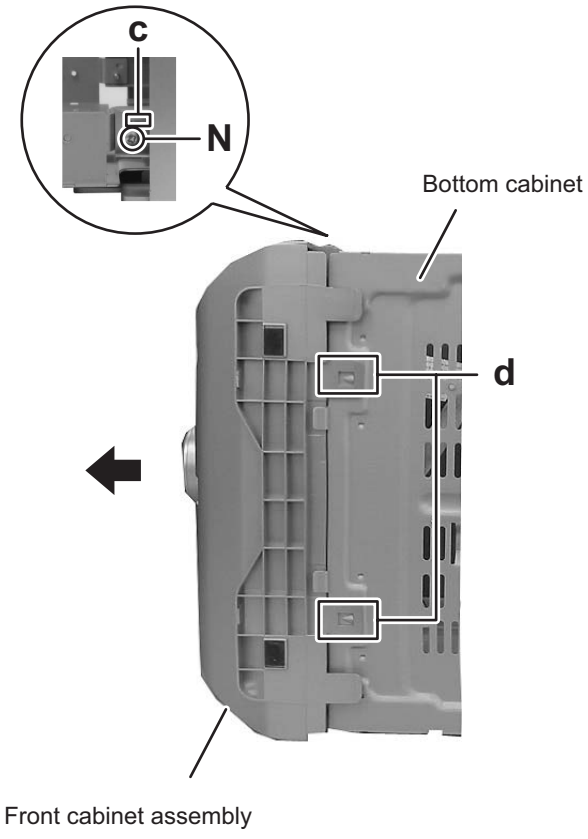


Fig.10

3.1.7 Removing the VFD board (See Fig.11 and 12)

- Remove the top cabinet, the CD mechanism assembly and the front cabinet assembly.
  (1) From the front side of the front cabinet assembly, pull out the two knobs. (See Fig.11)
  (2) From the inside of the front cabinet assembly, remove the seven screws **P** attaching the VFD board. (See Fig.12)
  (3) Take out the VFD board from the front cabinet assembly and then disconnect the wires from the connectors (UW101, UW201, FW102, FW104) on the VFD board. (See Fig.12)

3.1.8 Removing the front board (See Fig.12)

- Remove the top cabinet, CD mechanism assembly, front cabinet assembly and VFD board.
  (1) From the inside of the front cabinet assembly, remove the four screws **Q** attaching the front board.
  (2) Take out the front board from the front cabinet assembly.

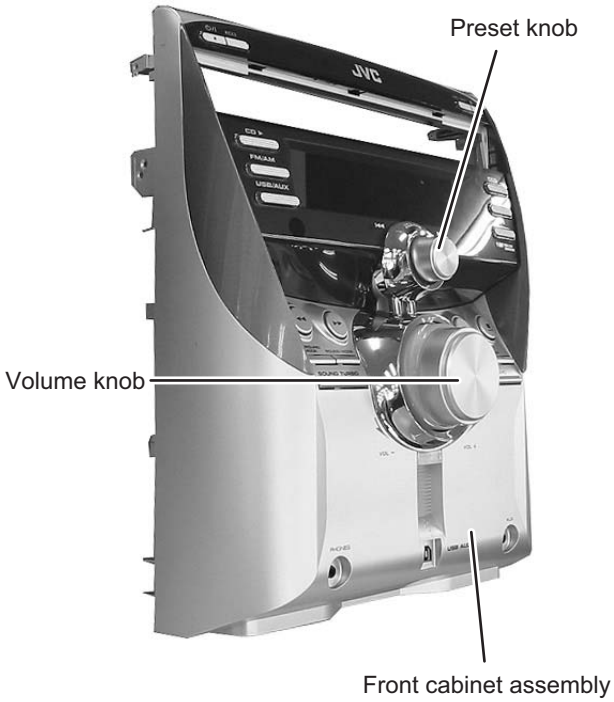


Fig.11

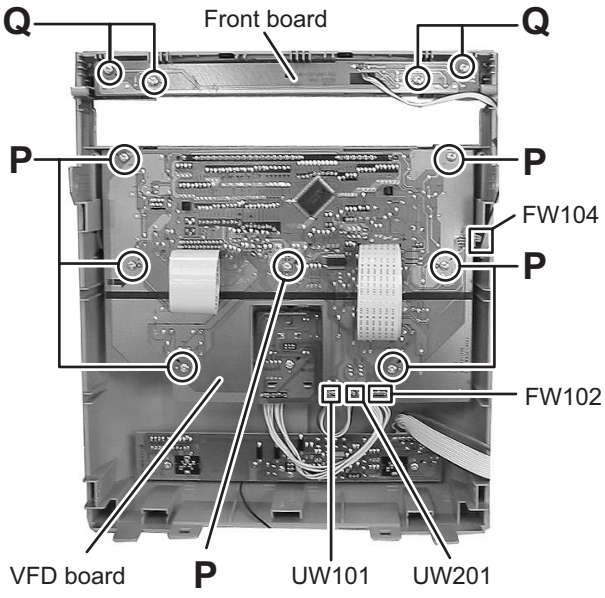


Fig.12

3.1.9 Removing the USB board (See Fig.13)

- Remove the top cabinet, CD mechanism assembly, front cabinet assembly, Knobs and VFD board.
  (1) From the inside of the front cabinet assembly, remove the three screws **R** attaching the USB board.
  (2) Take out the USB board from the front cabinet assembly.

3.1.10 Removing the LED1 board, LED2 board and LED3 board (See Fig.13)

- Remove the top cabinet, CD mechanism assembly, front cabinet assembly, knobs and VFD board.
  (1) From the inside of the front cabinet assembly, release the claws **e** and then take out the LED1 board from the front cabinet assembly.
  (2) Remove the screw **S** attaching the LED2 board.
  (3) Release the claw **f** and then take out the LED2 board from the front cabinet assembly.
  (4) Take out the LED3 board from the front cabinet assembly.

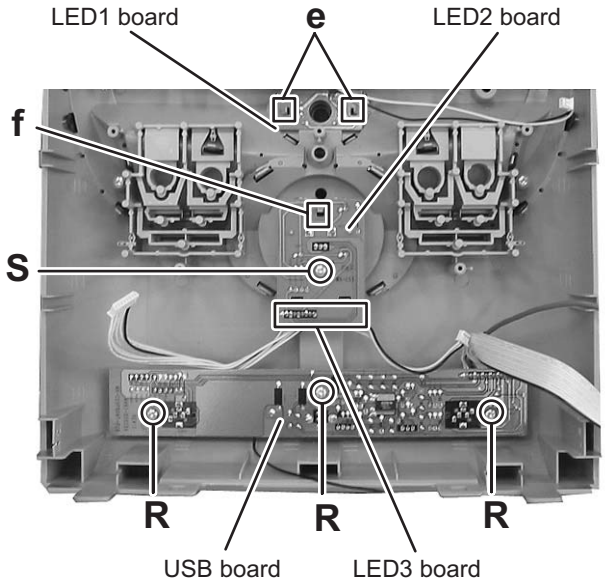


Fig.13

SECTION 4
ADJUSTMENT

This service manual does not describe ADJUSTMENT.

SECTION 5
TROUBLESHOOTING

This service manual does not describe TROUBLESHOOTING.

JVC
Victor Company of Japan, Limited
Audio/Video Systems Category 10-1,1chome,Ohwatari-machi,Maebashi-city,371-8543,Japan

(No.MB557)

Printed in Japan
VPT

PARTS LIST

MX-C55A

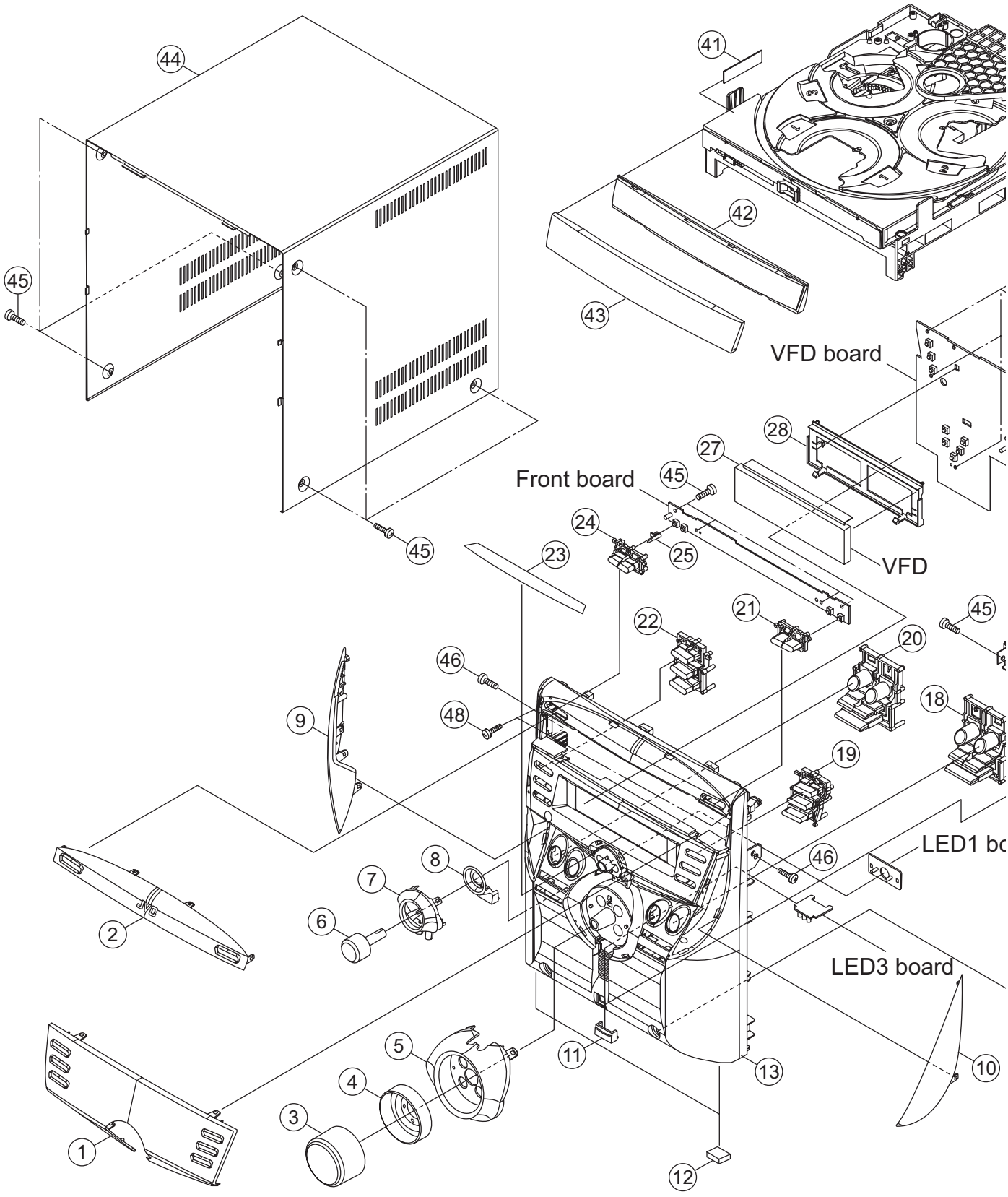
* All printed circuit boards and its assemblies are not available as service parts.

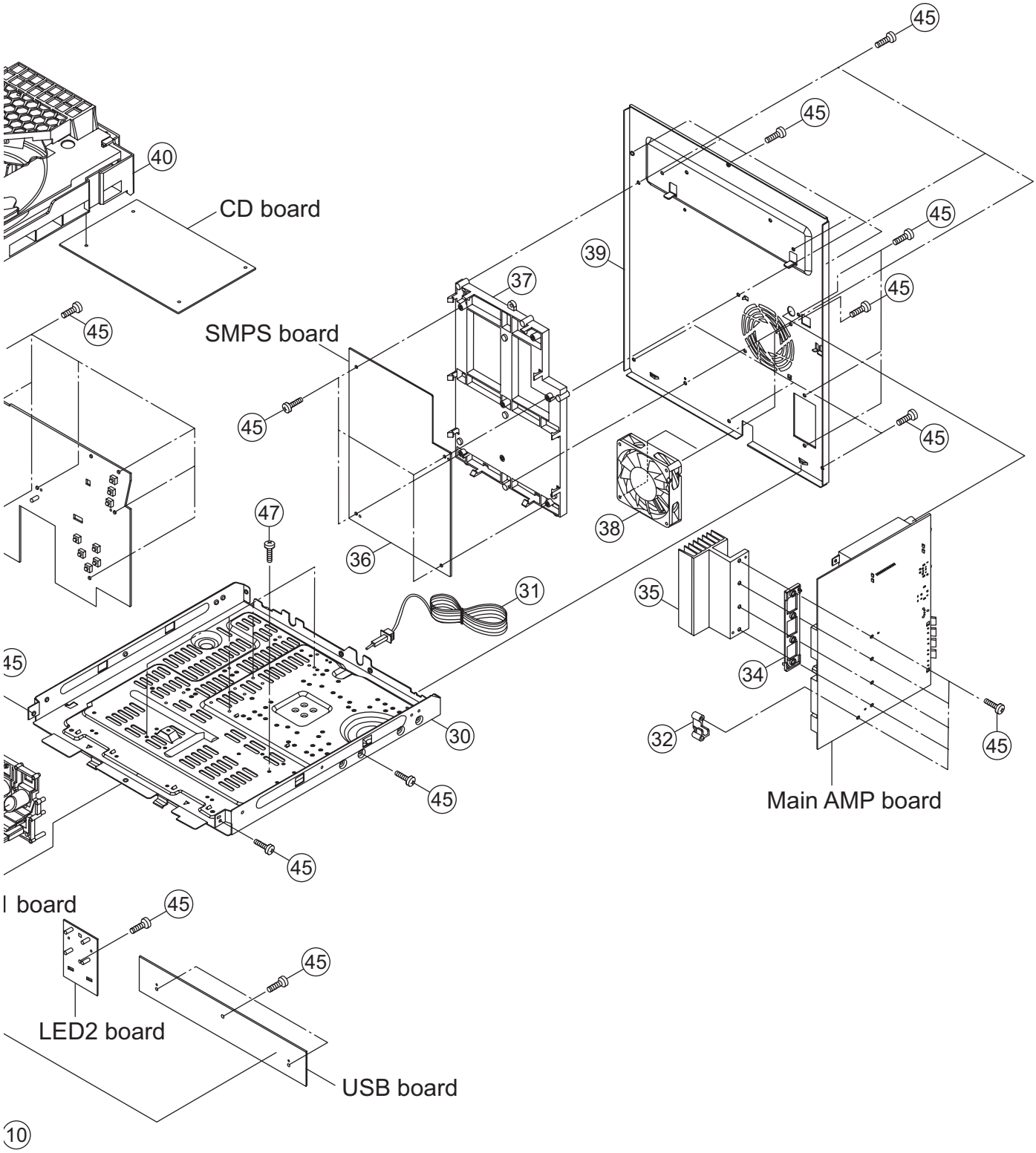
- Contents -

Exploded view of general assembly and parts list (Block No.M1) ---------- 3-2
Electrical parts list (Block No.01~04) ---------- 3-5
Packing materials and accessories parts list (Block No.M3) ---------- 3-12

Exploded view of general assembly and parts list

Block No. M 1 M M




45
45
40
CD board
45
39
37
45
SMPS board
45
45
45
47
38
36
31
35
45
34
30
32
45
45
Main AMP board
45
board
45
LED2 board
USB board
10

General Assembly

Block No. [M][1][M][M]

⚠	Symbol No.	Part No.	Part Name	Description	Local
	1	AH64-03850B	VFD WINDOW	PMMA	
	2	AH64-03851B	CD WINDOW	PMMA	
	3	AH64-03848B	VOLUME KNOB	PMMA	
	4	AH67-00408A	VOLUME LENS		
	5	AH81-01982B	DECO VOLUME	ABS	
	6	AH64-03849B	PRESET KNOB	ABS	
	7	AH81-01996B	PRESET DECO	ABS	
	8	AH67-00413A	PRESET LENS	PMMA	
	9	AH67-00409B	CAP SIDE L	ABS	
	10	AH67-00410B	CAP SIDE R	ABS	
	11	AH67-00412A	USB LENS	PMMA	
	12	AH69-20031A	FOOT	(x2)	
	13	AH64-03840B	FRONT CABINET	ABS	
	18	AH64-03846B	DEMO KNOB	ABS	
	19	AH64-03844B	DISK KNOB	ABS	
	20	AH64-03847B	SOUND KNOB	ABS	
	21	AH64-03842B	CD KNOB	ABS	
	22	AH64-03845B	FUNCTION KNOB	ABS	
	23	AH63-01150A	MIRROR SHEET	PC	
	24	AH64-03843B	POWER KNOB	ABS	
	25	AH67-00411A	POWER LENS	PMMA	
	27	AH07-00180B	VFD DISPLAY	BN017GNK	
	28	AH61-01831A	VFD HOLDER	ABS BLACK	
	30	AH64-02840A	BOTTOM CABINET		
⚠	31	AH39-00257K	POWER CORD		
	32	AH61-02134A	PCB BKT	ABS	
	34	AH61-02131A	IC HOLDER		
	35	AH62-00152B	HEATSINK		
	36	AH44-00124B	SMPS PCB ASSY		
	37	AH61-02130A	PCB HOLDER		
	38	AH31-00044A	FAN ASSY		
	39	AH64-03841E	REAR CABINET	SECC	
	40	AH59-01647A	CD MECHA ASSY	AH92-02451A	
	41	AH69-20342A	MOTOR CUSHION	ABS	
	42	AH64-03853B	CD DOOR	ABS	
	43	AH64-03852B	CD DOOR WINDOW	ABS	
	44	AH64-30390L	TOP CABINET		
	45	6003-000276	SCREW	M3X10 YEL(x49)	
	46	6003-001331	SCREW	(x2)	
	47	6003-001561	SCREW	BH 2S M3X6 YEL(x5)	
	48	6002-000126	SCREW	M3X10 BLACK(x2)	

Electrical parts list

Front board

Block No. [0][1]

⚠ Symbol No.	Part No.	Part Name	Description	Local
UIC01	0903-001273	IC	LC87F67C8A	
UIC02	1205-002635	IC	LC709004A	
UIC03	1205-002894	IC	PCM2704DBR	
FD201	1N4002	DIODE	0402-000127	
FD204	1N4002	DIODE	0402-000127	
FD205	1N4002	DIODE	0402-000127	
FD301	1N4002	DIODE	0402-000127	
LD201	0601-001739	LED	RED	
LD202	0601-001739	LED	RED	
LD301	0601-001739	LED	RED	
LD302	0601-001739	LED	RED	
LD304	0601-001739	LED	RED	
LD305	0601-001739	LED	RED	
LD306	0601-001739	LED	RED	
LD307	0601-001739	LED	RED	
LD308	0601-001739	LED	RED	
LD309	0601-001739	LED	RED	
LD310	0601-001490	LED	INVERTER BLUE	
UD03	1N4148	DIODE	0401-000005	
UD101	1N4148	DIODE	0401-000005	
UD102	1N4148	DIODE	0401-000005	
UD103	1N4002	DIODE	0402-000127	
UD104	1N4002	DIODE	0402-000127	
FC01L	2202-000806	C CAPACITOR	220pF 50V	
FC01R	2202-000806	C CAPACITOR	220pF 50V	
FC02L	2202-000216	C CAPACITOR	0.027NF 50V	
FC02R	2202-000216	C CAPACITOR	0.027NF 50V	
FC03L	2202-000806	C CAPACITOR	220pF 50V	
FC03R	2202-000806	C CAPACITOR	220pF 50V	
FC201	2201-000982	C CAPACITOR	10nF	
FC204	2201-000565	C CAPACITOR	47nF 50V	
FC301	2202-000121	C CAPACITOR	0.1nF 50V	
FC302	2202-000121	C CAPACITOR	0.1nF 50V	
FC303	2202-000849	C CAPACITOR	0.018nF 50V	
FC304	2202-000849	C CAPACITOR	0.018nF 50V	
FC305	2202-000173	C CAPACITOR	1nF 50V	
FC800	2202-000807	C CAPACITOR	22nF 25V	
FC800L	2202-000263	C CAPACITOR	470pF 50V	
FC800R	2202-000263	C CAPACITOR	470pF 50V	
FE200	2401-000240	E CAPACITOR	100uF 10V	
FE301	2401-000598	E CAPACITOR	1uF 50V	
FE302	2401-000598	E CAPACITOR	1uF 50V	
FE303	2401-000598	E CAPACITOR	1uF 50V	
FE304	2401-000414	E CAPACITOR	10uF 16V	
FE305	2401-000598	E CAPACITOR	1uF 50V	
FE306	2401-000598	E CAPACITOR	1uF 50V	
FE30L	2401-000303	E CAPACITOR	100uF 25V	
FE30R	2401-000303	E CAPACITOR	100uF 25V	
UC101	2201-000982	C CAPACITOR	10nF	
UC102	2201-000565	C CAPACITOR	47nF 50V	
UC103	2201-000389	C CAPACITOR	0.022nF	
UC104	2201-000389	C CAPACITOR	0.022nF	
UC105	2201-000565	C CAPACITOR	47nF 50V	
UC106	2201-000565	C CAPACITOR	47nF 50V	
UC107	2201-000021	C CAPACITOR	100nF 50V	
UC108	2201-000281	C CAPACITOR	1NF50V	
UE101	2401-000651	E CAPACITOR	2.2uF 50V	
UE102	2401-000759	E CAPACITOR	220nF 50V	
UE103	2401-000118	E CAPACITOR	1000uF 10V	
UE104	2401-000240	E CAPACITOR	100uF 10V	
UE105	2401-000480	E CAPACITOR	10uF 50V	
UE106	2401-000480	E CAPACITOR	10uF 50V	
UE107	2401-001020	E CAPACITOR	3.3UF 50V	
FR01L	2001-000411	C RESISTOR	18KΩ 1/8W	
FR01R	2001-000411	C RESISTOR	18KΩ 1/8W	
FR100	2001-000995	C RESISTOR	820Ω 1/8W	
FR101	2001-000429	C RESISTOR	1KΩ 1/8W	
FR102	2001-000221	C RESISTOR	1.2KΩ 1/8W	
FR103	2001-000241	C RESISTOR	1.5KΩ 1/8W	
FR104	2001-000258	C RESISTOR	1.8KΩ 1/8W	
FR105	2001-000449	C RESISTOR	2.2KΩ 1/8W	
FR106	2001-000591	C RESISTOR	3.3KΩ 1/8W	
FR107	2001-000734	C RESISTOR	4.7KΩ 1/8W	
FR108	2001-000890	C RESISTOR	6.8KΩ 1/8W	
FR111	2001-000734	C RESISTOR	4.7KΩ 1/8W	
FR201	2001-000995	C RESISTOR	820Ω 1/8W	
FR202	2001-000429	C RESISTOR	1KΩ 1/8W	
FR203	2001-000221	C RESISTOR	1.2KΩ 1/8W	
FR204	2001-000241	C RESISTOR	1.5KΩ 1/8W	
FR205	2001-000258	C RESISTOR	1.8KΩ 1/8W	
FR218	2001-000034	C RESISTOR	220Ω 1/4W	
FR222	2001-000855	C RESISTOR	560Ω 1/4W	
FR301	2001-000034	C RESISTOR	220Ω 1/4W	
FR302	2001-000034	C RESISTOR	220Ω 1/4W	
FR304	2001-000034	C RESISTOR	220Ω 1/4W	
FR305	2001-000034	C RESISTOR	220Ω 1/4W	
FR306	2001-000034	C RESISTOR	220Ω 1/4W	
FR307	2001-000034	C RESISTOR	220Ω 1/4W	
FR308	2001-000034	C RESISTOR	220Ω 1/4W	
FR309	2001-000034	C RESISTOR	220Ω 1/4W	
FR30L	2001-000411	C RESISTOR	18KΩ 1/8W	
FR30R	2001-000411	C RESISTOR	18KΩ 1/8W	
FR310	2001-000034	C RESISTOR	220Ω 1/4W	
FR311	2001-000995	C RESISTOR	820Ω 1/8W	
FR312	2001-000429	C RESISTOR	1KΩ 1/8W	
FR313	2001-000221	C RESISTOR	1.2KΩ 1/8W	
FR317	2001-000734	C RESISTOR	4.7KΩ 1/8W	
FR318	2001-000734	C RESISTOR	4.7KΩ 1/8W	
FR31L	2001-000734	C RESISTOR	4.7KΩ 1/8W	
FR31R	2001-000734	C RESISTOR	4.7KΩ 1/8W	
FR320	2001-000241	C RESISTOR	1.5KΩ 1/8W	
FR321	2001-000527	C RESISTOR	22Ω 1/8W	
FR322	2001-000527	C RESISTOR	22Ω 1/8W	
FR323	2001-000435	C RESISTOR	1MΩ 1/8W	
FR324	2001-000241	C RESISTOR	1.5KΩ 1/8W	
FR325	2001-000295	C RESISTOR	10MΩ 1/8W	
FR32L	2001-000415	C RESISTOR	18Ω 1/4W	
FR32R	2001-000415	C RESISTOR	18Ω 1/4W	
FR33L	2001-000290	C RESISTOR	10KΩ 1/8W	
FR33R	2001-000290	C RESISTOR	10KΩ 1/8W	
FR800	2001-000290	C RESISTOR	10KΩ 1/8W	
FR800L	2001-000411	C RESISTOR	18KΩ 1/8W	
FR800R	2001-000411	C RESISTOR	18KΩ 1/8W	
UR101	2001-000290	C RESISTOR	10KΩ 1/8W	
UR102	2001-000281	C RESISTOR	100Ω 1/8W	
UR103	2001-000734	C RESISTOR	4.7KΩ 1/8W	
UR104	2001-000734	C RESISTOR	4.7KΩ 1/8W	
UR105	2001-000734	C RESISTOR	4.7KΩ 1/8W	
UR106	2001-000734	C RESISTOR	4.7KΩ 1/8W	
UR107	2001-000734	C RESISTOR	4.7KΩ 1/8W	
UR108	2001-000734	C RESISTOR	4.7KΩ 1/8W	
UR109	2001-000734	C RESISTOR	4.7KΩ 1/8W	
UR110	2001-000734	C RESISTOR	4.7KΩ 1/8W	
UR111	2001-000734	C RESISTOR	4.7KΩ 1/8W	
UR112	2001-000734	C RESISTOR	4.7KΩ 1/8W	
UR113	2001-000734	C RESISTOR	4.7KΩ 1/8W	
UR114	2001-000734	C RESISTOR	4.7KΩ 1/8W	
UR115	2001-000786	C RESISTOR	47KΩ 1/8W	
UR116	2001-000786	C RESISTOR	47KΩ 1/8W	
UR117	2001-000786	C RESISTOR	47KΩ 1/8W	
UR118	2001-000786	C RESISTOR	47KΩ 1/8W	
UR119	2001-000786	C RESISTOR	47KΩ 1/8W	
UR120	2001-000786	C RESISTOR	47KΩ 1/8W	
UR121	2001-000786	C RESISTOR	47KΩ 1/8W	
UR122	2001-000786	C RESISTOR	47KΩ 1/8W	
UR123	2001-000786	C RESISTOR	47KΩ 1/8W	
UR124	2001-000786	C RESISTOR	47KΩ 1/8W	
UR125	2001-000786	C RESISTOR	47KΩ 1/8W	
UR126	2001-000786	C RESISTOR	47KΩ 1/8W	
UR127	2001-000786	C RESISTOR	47KΩ 1/8W	
UR128	2001-000786	C RESISTOR	47KΩ 1/8W	
UR129	2001-000786	C RESISTOR	47KΩ 1/8W	
UR130	2001-000786	C RESISTOR	47KΩ 1/8W	
UR131	2001-000786	C RESISTOR	47KΩ 1/8W	
UR132	2001-000786	C RESISTOR	47KΩ 1/8W	

⚠ Symbol No.	Part No.	Part Name	Description	Local
UR133	2001-000786	C RESISTOR	47KΩ 1/8W	
UR134	2001-000786	C RESISTOR	47KΩ 1/8W	
UR135	2001-000786	C RESISTOR	47KΩ 1/8W	
UR136	2001-000786	C RESISTOR	47KΩ 1/8W	
UR137	2001-000786	C RESISTOR	47KΩ 1/8W	
UR138	2001-000786	C RESISTOR	47KΩ 1/8W	
UR139	2001-000786	C RESISTOR	47KΩ 1/8W	
UR140	2001-000786	C RESISTOR	47KΩ 1/8W	
UR141	2001-000786	C RESISTOR	47KΩ 1/8W	
UR142	2001-000786	C RESISTOR	47KΩ 1/8W	
UR143	2001-000786	C RESISTOR	47KΩ 1/8W	
UR144	2001-000786	C RESISTOR	47KΩ 1/8W	
UR145	2001-000786	C RESISTOR	47KΩ 1/8W	
UR146	2001-000786	C RESISTOR	47KΩ 1/8W	
UR147	2001-000786	C RESISTOR	47KΩ 1/8W	
UR148	2001-000786	C RESISTOR	47KΩ 1/8W	
UR149	2001-000786	C RESISTOR	47KΩ 1/8W	
UR150	2001-000429	C RESISTOR	1KΩ 1/8W	
UR151	2001-000290	C RESISTOR	10KΩ 1/8W	
UR152	2001-000290	C RESISTOR	10KΩ 1/8W	
UR153	2001-000290	C RESISTOR	10KΩ 1/8W	
UR154	2001-000290	C RESISTOR	10KΩ 1/8W	
UR155	2001-000290	C RESISTOR	10KΩ 1/8W	
UR156	2001-000290	C RESISTOR	10KΩ 1/8W	
UR157	2001-000290	C RESISTOR	10KΩ 1/8W	
UR158	2001-000290	C RESISTOR	10KΩ 1/8W	
UR159	2001-000290	C RESISTOR	10KΩ 1/8W	
UR160	2001-000281	C RESISTOR	100Ω 1/8W	
UR161	2001-000429	C RESISTOR	1KΩ 1/8W	
UR162	2001-000429	C RESISTOR	1KΩ 1/8W	
UR163	2001-000429	C RESISTOR	1KΩ 1/8W	
UR164	2001-000429	C RESISTOR	1KΩ 1/8W	
UR165	2001-000281	C RESISTOR	100Ω 1/8W	
UR166	2001-000281	C RESISTOR	100Ω 1/8W	
UR167	2001-000281	C RESISTOR	100Ω 1/8W	
UR168	2001-000281	C RESISTOR	100Ω 1/8W	
UR169	2001-000281	C RESISTOR	100Ω 1/8W	
UR170	2001-000281	C RESISTOR	100Ω 1/8W	
UR171	2001-000281	C RESISTOR	100Ω 1/8W	
UR172	2001-000281	C RESISTOR	100Ω 1/8W	
UR173	2001-000281	C RESISTOR	100Ω 1/8W	
UR174	2001-000281	C RESISTOR	100Ω 1/8W	
UR175	2001-000281	C RESISTOR	100Ω 1/8W	
UR176	2001-000281	C RESISTOR	100Ω 1/8W	
UR177	2001-000295	C RESISTOR	10MΩ 1/8W	
UR178	2001-000850	C RESISTOR	560KΩ 1/8W	
UR179	2001-000435	C RESISTOR	1MΩ 1/8W	
UR180	2001-000449	C RESISTOR	2.2KΩ 1/8W	
UR181	2001-000734	C RESISTOR	4.7KΩ 1/8W	
UR182	2001-000508	C RESISTOR	220KΩ 1/8W	
UR183	2001-000793	C RESISTOR	47Ω 1/8W	
UR184	2001-000734	C RESISTOR	4.7KΩ 1/8W	
UR185	2001-000281	C RESISTOR	100Ω 1/8W	
UR186	2001-000780	C RESISTOR	470KΩ 1/8W	
UR187	2001-000281	C RESISTOR	100Ω 1/8W	
UR188	2001-000890	C RESISTOR	6.8KΩ 1/8W	
UR189	2001-000281	C RESISTOR	100Ω 1/8W	
UR190	2001-000281	C RESISTOR	100Ω 1/8W	
UR191	2001-000281	C RESISTOR	100Ω 1/8W	
UR192	2001-000281	C RESISTOR	100Ω 1/8W	
UR193	2001-000786	C RESISTOR	47KΩ 1/8W	
UR800	2001-000281	C RESISTOR	100Ω 1/8W	
UR801	2001-000281	C RESISTOR	100Ω 1/8W	
UR803	2001-000429	C RESISTOR	1KΩ 1/8W	
VR101	3406-001047	ROTARY SWITCH	5V DC 0.5mA	
FL301	2702-000112	COIL	10uH	
AJACK1	3722-001588	PHONE JACK	7P 3.6PI AG BLK	
BEAD1	3301-000297	FERRITE BEADS		
BEAD2	3301-000297	FERRITE BEADS		
BZ101	3002-001134	BUZZER	85DB 12V	
FL302	3301-000297	FERRITE BEADS		
FQ301	KTC8050	TRANSISTOR	0501-002375	
FQ302	KTC8050	TRANSISTOR	0501-002375	
FQ303	KTC8050	TRANSISTOR	0501-002375	
FW101	3708-000454	CONNECTOR	22P 1.25mm	
FW102	3711-001136	CONNECTOR	8P	
FW103	3708-001696	CONNECTOR	24P	
FW104	3711-000967	CONNECTOR	4P 1R 2mm	
FW201	AH39-00719A	LEAD CONNECTOR	8P	
FW301	AH39-00862A	LEAD CONNECTOR	15P	
FW305	3722-002292	USB JACK	4P/1P	
FW401	AH39-00738A	LEAD CONNECTOR	4P	
GND1	AH39-50001K	HARNESS WIRE	140mm BLK	
HJACK1	3722-001588	PHONE JACK	7P 3.6PI AG BLK	
PS102	3406-001050	ROTARY SWITCH	5V DC 0.5mA 12mm	
REYE1	0609-001189	REMOCON MODULE	HORIZONTAL 16.4mm	
SW201	3404-000165	TACT SWITCH	12V 50mA	
SW204	3404-000165	TACT SWITCH	12V 50mA	
SW205	3404-000165	TACT SWITCH	12V 50mA	
SW206	3404-000165	TACT SWITCH	12V 50mA	
SW207	3404-000165	TACT SWITCH	12V 50mA	
SW208	3404-000165	TACT SWITCH	12V 50mA	
SW211	3404-000165	TACT SWITCH	12V 50mA	
SW212	3404-000165	TACT SWITCH	12V 50mA	
SW213	3404-000165	TACT SWITCH	12V 50mA	
SW214	3404-000165	TACT SWITCH	12V 50mA	
SW215	3404-000165	TACT SWITCH	12V 50mA	
SW216	3404-000165	TACT SWITCH	12V 50mA	
SW217	3404-000165	TACT SWITCH	12V 50mA	
SW218	3404-000165	TACT SWITCH	12V 50mA	
SW219	3404-000165	TACT SWITCH	12V 50mA	
SW220	3404-000165	TACT SWITCH	12V 50mA	
SW310	3404-000165	TACT SWITCH	12V 50mA	
SW311	3404-000165	TACT SWITCH	12V 50mA	
SW312	3404-000165	TACT SWITCH	12V 50mA	
SW313	3404-000165	TACT SWITCH	12V 50mA	
UQ101	KTC945B	TRANSISTOR	0501-002409	
UW001	3708-000448	CONNECTOR	6P 1.25mm	
UW101	3711-000826	CONNECTOR	2P	
UW102	AH39-00109A	LEAD CONNECTOR	2P	
UW201	3711-000906	CONNECTOR	3P 1R 2mm	
UW202	AH39-00712A	LEAD CONNECTOR	3P	
UX101	2801-001394	CRYSTAL	32.768KHz	
UX102	2802-001198	C RESONATOR	10MHz	
UX103	2801-004396	CRYSTAL UNIT	12.0MHz 30ppm	
VFD1	AH07-00180B	VFD DISPLAY	BN017GNK	

AMP board

Block No. [0][2]

⚠ Symbol No.	Part No.	Part Name	Description	Local
AIC01	1204-002519	IC	STA308A	
AIC02	1203-003526	IC	KIA7029AP	
EIC02	1002-001448	IC	AK5358ET	
FIC01	1204-002518	IC	R2S15904SP	
FIC02	1201-002414	IC	STA508	
HIC01	1201-000163	IC	BA4560	
WIC01	1201-002414	IC	STA508	
WIC02	1201-002414	IC	STA508	
XIC01	AH14-10004R	IC	M74HCU04	
CD101	1SS355	DIODE	0401-001090	
CD102	1SS355	DIODE	0401-001090	
ED102	1SS355	DIODE	0401-001090	
SD101	1SS355	DIODE	0401-001090	
SD102	1SS355	DIODE	0401-001090	
SZ102	RLZ5.6A	Z DIODE	0403-001008	
SZ103	RLZ5.6A	Z DIODE	0403-001008	
SZ104	RLZ7.5B	Z DIODE	0403-000622	
SZ105	1N4739A	Z DIODE	0403-000145	
SZ106	UZP33B	Z DIODE	0403-000390	
AE101	2401-001508	E CAPACITOR	47uF 16V	
AE102	2401-000048	E CAPACITOR	47uF 25V	
CE101	2401-000243	E CAPACITOR	100uF 10V	
CE102	2401-000243	E CAPACITOR	100uF 10V	
EC01L	2203-000575	CHIP CAPACITOR	220nF 25V	
EC01R	2203-000575	CHIP CAPACITOR	220nF 25V	

⚠ Symbol No.	Part No.	Part Name	Description	Local
EC02L	2203-000575	CHIP CAPACITOR	220nF 25V	
EC02R	2203-000575	CHIP CAPACITOR	220nF 25V	
EC03L	2203-001036	CHIP CAPACITOR	5.6nF 50V	
EC03R	2203-001036	CHIP CAPACITOR	5.6nF 50V	
EC101	2203-000206	CHIP CAPACITOR	100nF 50V	
EC102	2203-000206	CHIP CAPACITOR	100nF 50V	
EC103	2203-000206	CHIP CAPACITOR	100nF 50V	
EC105	2203-000206	CHIP CAPACITOR	100nF 50V	
EC106	2203-001596	CHIP CAPACITOR	2200nF 50V	
EC107	2203-000206	CHIP CAPACITOR	100nF 50V	
EE005	2401-000414	E CAPACITOR	10uF 16V	
EE006	2401-000414	E CAPACITOR	10uF 16V	
EE007	2401-002042	E CAPACITOR	220uF 10V	
EE009	2401-001952	E CAPACITOR	4.7uF 50V	
EE010	2401-001952	E CAPACITOR	4.7uF 50V	
EE011	2401-001931	E CAPACITOR	220nF 50V	
EE01L	2401-000650	E CAPACITOR	2.2uF 50V	
EE01R	2401-000650	E CAPACITOR	2.2uF 50V	
EE02L	2401-000598	E CAPACITOR	1uF 50V	
EE02R	2401-000598	E CAPACITOR	1uF 50V	
EE03L	2401-000598	E CAPACITOR	1uF 50V	
EE03R	2401-000598	E CAPACITOR	1uF 50V	
EE04L	2401-000598	E CAPACITOR	1uF 50V	
EE04R	2401-000598	E CAPACITOR	1uF 50V	
EE06L	2401-000588	E CAPACITOR	1uF 50V	
EE06R	2401-000588	E CAPACITOR	1uF 50V	
EE07L	2401-000598	E CAPACITOR	1uF 50V	
EE07R	2401-000598	E CAPACITOR	1uF 50V	
EE10L	2401-000414	E CAPACITOR	10uF 16V	
EE10R	2401-000414	E CAPACITOR	10uF 16V	
EE110	2401-001975	E CAPACITOR	47uF 16V	
EMC01	2203-000206	CHIP CAPACITOR	100nF 50V	
EMC02	2203-000206	CHIP CAPACITOR	100nF 50V	
FC010	2203-000206	CHIP CAPACITOR	100nF 50V	
FC011	2203-000206	CHIP CAPACITOR	100nF 50V	
FC012	2203-000206	CHIP CAPACITOR	100nF 50V	
FC013	2203-001596	CHIP CAPACITOR	2200nF 50V	
FC014	2203-000206	CHIP CAPACITOR	100nF 50V	
FC015	2203-000206	CHIP CAPACITOR	100nF 50V	
FC01L	2203-000787	CHIP CAPACITOR	0.33nF 50V	
FC01R	2203-000787	CHIP CAPACITOR	0.33nF 50V	
FC02L	2203-000206	CHIP CAPACITOR	100nF 50V	
FC02R	2203-000206	CHIP CAPACITOR	100nF 50V	
FC03L	2203-000206	CHIP CAPACITOR	100nF 50V	
FC03R	2203-000206	CHIP CAPACITOR	100nF 50V	
FC04L	2203-000206	CHIP CAPACITOR	100nF 50V	
FC04R	2203-000206	CHIP CAPACITOR	100nF 50V	
FC05L	2203-000206	CHIP CAPACITOR	100nF 50V	
FC05R	2203-000206	CHIP CAPACITOR	100nF 50V	
FC06L	2305-000412	M CAPACITOR	470nF	
FC06R	2305-000412	M CAPACITOR	470nF	
FC07L	2203-000260	CHIP CAPACITOR	10nF 50V	
FC07R	2203-000260	CHIP CAPACITOR	10nF 50V	
FC08L	2203-000260	CHIP CAPACITOR	10nF 50V	
FC08R	2203-000260	CHIP CAPACITOR	10nF 50V	
FC09L	2203-000260	CHIP CAPACITOR	10nF 50V	
FC09R	2203-000260	CHIP CAPACITOR	10nF 50V	
FC10L	2203-001596	CHIP CAPACITOR	2200nF 50V	
FC10R	2203-001596	CHIP CAPACITOR	2200nF 50V	
FC11L	2203-001596	CHIP CAPACITOR	2200nF 50V	
FC11R	2203-001596	CHIP CAPACITOR	2200nF 50V	
FC12L	2303-000312	M CAPACITOR	100nF 63V	
FC13L	2203-000787	CHIP CAPACITOR	0.33nF 50V	
FC13R	2203-000787	CHIP CAPACITOR	0.33nF 50V	
FC14L	2203-000206	CHIP CAPACITOR	100nF 50V	
FC14R	2203-000206	CHIP CAPACITOR	100nF 50V	
FE101	2401-003850	E CAPACITOR	1000uF 50V	
FL12R	2303-000312	M CAPACITOR	100nF 63V	
HC006	2203-000206	CHIP CAPACITOR	100nF 50V	
HC01L	2203-000661	CHIP CAPACITOR	0.27nF 50V	
HC01R	2203-000661	CHIP CAPACITOR	0.27nF 50V	
HC02L	2203-000595	CHIP CAPACITOR	0.22nF 50V	
HC02R	2203-000595	CHIP CAPACITOR	0.22nF 50V	
HC03L	2203-000595	CHIP CAPACITOR	0.22nF 50V	
HC03R	2203-000595	CHIP CAPACITOR	0.22nF 50V	
HC04L	2203-000239	CHIP CAPACITOR	0.1nF 50V	
HC04R	2203-000239	CHIP CAPACITOR	0.1nF 50V	
HC05L	2203-000595	CHIP CAPACITOR	0.22nF 50V	
HC05R	2203-000595	CHIP CAPACITOR	0.22nF 50V	
HE002	2401-001508	E CAPACITOR	47uF 16V	
HE01L	2401-000042	E CAPACITOR	100uF 16V	
HE01R	2401-000042	E CAPACITOR	100uF 16V	
MC101	2203-000206	CHIP CAPACITOR	100nF 50V	
MC102	2203-000206	CHIP CAPACITOR	100nF 50V	
MC103	2203-000206	CHIP CAPACITOR	100nF 50V	
MC104	2203-000634	CHIP CAPACITOR	0.022nF 50V	
MC105	2203-001524	CHIP CAPACITOR	0.047nF 50V	
MC106	2203-000206	CHIP CAPACITOR	100nF 50V	
MC107	2203-000239	CHIP CAPACITOR	0.1nF 50V	
MC108	2203-000239	CHIP CAPACITOR	0.1nF 50V	
MC109	2203-000206	CHIP CAPACITOR	100nF 50V	
MC110	2203-000206	CHIP CAPACITOR	100nF 50V	
MC111	2203-000206	CHIP CAPACITOR	100nF 50V	
MC112	2203-000206	CHIP CAPACITOR	100nF 50V	
MC113	2203-000206	CHIP CAPACITOR	100nF 50V	
MC114	2203-000206	CHIP CAPACITOR	100nF 50V	
MC115	2203-000206	CHIP CAPACITOR	100nF 50V	
MC118	2203-000206	CHIP CAPACITOR	100nF 50V	
ME101	2401-000918	E CAPACITOR	22uF 16V	
ME102	2401-000651	E CAPACITOR	2.2uF 50V	
SE102	2401-000970	E CAPACITOR	22uF 50V	
SE103	2401-000804	E CAPACITOR	220uF 16V	
TE101	2401-001508	E CAPACITOR	47uF 16V	
WC01L	2203-000575	CHIP CAPACITOR	220nF 25V	
WC01R	2203-000575	CHIP CAPACITOR	220nF 25V	
WC02L	2203-000575	CHIP CAPACITOR	220nF 25V	
WC02R	2203-000575	CHIP CAPACITOR	220nF 25V	
WC03L	2203-000575	CHIP CAPACITOR	220nF 25V	
WC03R	2203-000575	CHIP CAPACITOR	220nF 25V	
WC04L	2203-000575	CHIP CAPACITOR	220nF 25V	
WC04R	2203-000575	CHIP CAPACITOR	220nF 25V	
WC05L	2305-000412	M CAPACITOR	470nF	
WC05R	2305-000412	M CAPACITOR	470nF	
WC06L	2203-000206	CHIP CAPACITOR	100nF 50V	
WC06R	2203-000206	CHIP CAPACITOR	100nF 50V	
WC07L	2203-000206	CHIP CAPACITOR	100nF 50V	
WC07R	2203-000206	CHIP CAPACITOR	100nF 50V	
WC08L	2203-000260	CHIP CAPACITOR	10nF 50V	
WC08R	2203-000260	CHIP CAPACITOR	10nF 50V	
WC09L	2203-001596	CHIP CAPACITOR	2200nF 50V	
WC09R	2203-001596	CHIP CAPACITOR	2200nF 50V	
WC10L	2203-000206	CHIP CAPACITOR	100nF 50V	
WC10R	2203-001596	CHIP CAPACITOR	2200nF 50V	
WC11L	2203-001596	CHIP CAPACITOR	2200nF 50V	
WC11R	2203-001596	CHIP CAPACITOR	2200nF 50V	
WC12L	2203-001596	CHIP CAPACITOR	2200nF 50V	
WC12R	2203-001596	CHIP CAPACITOR	2200nF 50V	
WC13L	2203-001128	CHIP CAPACITOR	0.68nF 50V	
WC13R	2203-001128	CHIP CAPACITOR	0.68nF 50V	
WC14L	2203-001596	CHIP CAPACITOR	2200nF 50V	
WC14R	2203-000206	CHIP CAPACITOR	100nF 50V	
WC15L	2203-000206	CHIP CAPACITOR	100nF 50V	
WC15R	2203-000206	CHIP CAPACITOR	100nF 50V	
WC16L	2203-000206	CHIP CAPACITOR	100nF 50V	
WC16R	2203-000206	CHIP CAPACITOR	100nF 50V	
WC17L	2203-001596	CHIP CAPACITOR	2200nF 50V	
WC17R	2203-001596	CHIP CAPACITOR	2200nF 50V	
WC18L	2203-000206	CHIP CAPACITOR	100nF 50V	
WC18R	2203-000206	CHIP CAPACITOR	100nF 50V	
WC19L	2203-000206	CHIP CAPACITOR	100nF 50V	
WC19R	2203-000206	CHIP CAPACITOR	100nF 50V	
WC20L	2305-000412	M CAPACITOR	470nF	
WC20R	2305-000412	M CAPACITOR	470nF	
WC21L	2203-001128	CHIP CAPACITOR	0.68nF 50V	
WC21R	2203-001128	CHIP CAPACITOR	0.68nF 50V	
WC22L	2203-001128	CHIP CAPACITOR	0.68nF 50V	
WC22R	2203-001128	CHIP CAPACITOR	0.68nF 50V	
WC23L	2203-001128	CHIP CAPACITOR	0.68nF 50V	
WC23R	2203-001128	CHIP CAPACITOR	0.68nF 50V	
WC24L	2203-000206	CHIP CAPACITOR	100nF 50V	
WC24R	2203-000206	CHIP CAPACITOR	100nF 50V	
WC25L	2203-000206	CHIP CAPACITOR	100nF 50V	
WC25R	2203-000206	CHIP CAPACITOR	100nF 50V	
WE01L	2401-003850	E CAPACITOR	1000uF 50V	
WE01R	2401-003850	E CAPACITOR	1000uF 50V	
XC101	2203-000634	CHIP CAPACITOR	0.022nF 50V	

⚠ Symbol No.	Part No.	Part Name	Description	Local
XC102	2203-000634	CHIP CAPACITOR	0.022nF 50V	
XC103	2203-000206	CHIP CAPACITOR	100nF 50V	
XE101	2401-000414	E CAPACITOR	10uF 16V	
AR101	2007-000300	CHIP RESISTOR	10KΩ	
AR102	2007-000493	CHIP RESISTOR	2.2KΩ	
AR103	2007-000586	CHIP RESISTOR	22KΩ	
AR104	2007-001168	CHIP RESISTOR	75Ω 1/4W	
AR105	2007-000598	CHIP RESISTOR	22Ω 1/4W	
CR101	2007-001039	CHIP RESISTOR	56KΩ	
CR102	2007-001039	CHIP RESISTOR	56KΩ	
CR103	2007-000457	CHIP RESISTOR	18KΩ	
CR104	2007-000457	CHIP RESISTOR	18KΩ	
CR105	2007-000468	CHIP RESISTOR	1KΩ	
EC104	2203-000126	CHIP RESISTOR	1.2nF 50V	
ER01L	2007-000686	CHIP RESISTOR	3.3KΩ	
ER01R	2007-000686	CHIP RESISTOR	3.3KΩ	
ER02L	2007-000572	CHIP RESISTOR	220Ω	
ER02R	2007-000572	CHIP RESISTOR	220Ω	
ER03L	2007-000941	CHIP RESISTOR	47KΩ	
ER03R	2007-000941	CHIP RESISTOR	47KΩ	
ER08L	2007-000468	CHIP RESISTOR	1KΩ	
ER08R	2007-000468	CHIP RESISTOR	1KΩ	
ER101	2007-000395	CHIP RESISTOR	150KΩ 1/10W	
ER102	2007-000395	CHIP RESISTOR	150KΩ 1/10W	
ER103	2007-000947	CHIP RESISTOR	47Ω 1/8W	
ER104	2007-000947	CHIP RESISTOR	47Ω 1/8W	
ER105	2007-000950	CHIP RESISTOR	47Ω 1/4W	
ER106	2007-000766	CHIP RESISTOR	330Ω	
ER108	2007-000068	CHIP RESISTOR	470KΩ 1/8W	
ER109	2007-000023	CHIP RESISTOR	120Ω 1/10W	
ER110	2007-000300	CHIP RESISTOR	10KΩ	
ER111	2007-000778	CHIP RESISTOR	330KΩ 1/10W	
ER112	2007-001195	CHIP RESISTOR	820KΩ	
FR004	2007-000300	CHIP RESISTOR	10KΩ	
FR005	2007-000468	CHIP RESISTOR	1KΩ	
FR01L	2007-000598	CHIP RESISTOR	22Ω 1/4W	
FR01R	2007-000598	CHIP RESISTOR	22Ω 1/4W	
FR02L	2007-000883	CHIP RESISTOR	4.7Ω 1/4W	
FR02R	2007-000883	CHIP RESISTOR	4.7Ω 1/4W	
FR03L	2007-000883	CHIP RESISTOR	4.7Ω 1/4W	
FR03R	2007-000883	CHIP RESISTOR	4.7Ω 1/4W	
FR04L	2007-000598	CHIP RESISTOR	22Ω 1/4W	
FR04R	2007-000598	CHIP RESISTOR	22Ω 1/4W	
HR001	2007-000950	CHIP RESISTOR	47Ω 1/4W	
HR013	2007-000941	CHIP RESISTOR	47KΩ	
HR014	2007-000300	CHIP RESISTOR	10KΩ	
HR01L	2007-000872	CHIP RESISTOR	4.7KΩ	
HR01R	2007-000872	CHIP RESISTOR	4.7KΩ	
HR02L	2007-000872	CHIP RESISTOR	4.7KΩ	
HR02R	2007-000872	CHIP RESISTOR	4.7KΩ	
HR03L	2007-000872	CHIP RESISTOR	4.7KΩ	
HR03R	2007-000872	CHIP RESISTOR	4.7KΩ	
HR04L	2007-000872	CHIP RESISTOR	4.7KΩ	
HR04R	2007-000872	CHIP RESISTOR	4.7KΩ	
HR05L	2007-000872	CHIP RESISTOR	4.7KΩ	
HR05R	2007-000872	CHIP RESISTOR	4.7KΩ	
HR06L	2007-000872	CHIP RESISTOR	4.7KΩ	
HR06R	2007-000872	CHIP RESISTOR	4.7KΩ	
HR07L	2007-000872	CHIP RESISTOR	4.7KΩ	
HR07R	2007-000872	CHIP RESISTOR	4.7KΩ	
HR08L	2007-000308	CHIP RESISTOR	10Ω	
HR08R	2007-000308	CHIP RESISTOR	10Ω	
HR09L	2007-000300	CHIP RESISTOR	10KΩ	
HR09R	2007-000300	CHIP RESISTOR	10KΩ	
HR10L	2007-000300	CHIP RESISTOR	10KΩ	
HR10R	2007-000300	CHIP RESISTOR	10KΩ	
HR11L	2007-000300	CHIP RESISTOR	10KΩ	
HR11R	2007-000300	CHIP RESISTOR	10KΩ	
HR12L	2007-000468	CHIP RESISTOR	1KΩ	
HR12R	2007-000468	CHIP RESISTOR	1KΩ	
MC116	2203-000126	CHIP RESISTOR	1.2nF 50V	
MC117	2203-000126	CHIP RESISTOR	1.2nF 50V	
MR001	2007-000947	CHIP RESISTOR	47Ω 1/8W	
MR002	2007-000468	CHIP RESISTOR	1KΩ	
MR101	2007-000300	CHIP RESISTOR	10KΩ	
MR102	2007-000290	CHIP RESISTOR	100Ω	
MR103	2007-000947	CHIP RESISTOR	47Ω 1/8W	
MR104	2007-000947	CHIP RESISTOR	47Ω 1/8W	
MR105	2007-000290	CHIP RESISTOR	100Ω	
MR106	2007-000290	CHIP RESISTOR	100Ω	
MR107	2007-000300	CHIP RESISTOR	10KΩ	
MR108	2007-000300	CHIP RESISTOR	10KΩ	
MR110	2007-000766	CHIP RESISTOR	330Ω	
MR111	2007-000686	CHIP RESISTOR	3.3KΩ	
MR112	2007-000300	CHIP RESISTOR	10KΩ	
SR001	2007-000518	CHIP RESISTOR	2.7KΩ	
SR002	2007-000300	CHIP RESISTOR	10KΩ	
SR003	2007-000030	CHIP RESISTOR	560Ω 1/8W	
SR004	2007-000300	CHIP RESISTOR	10KΩ	
SR005	2007-000653	CHIP RESISTOR	27KΩ	
SR103	2007-001216	CHIP RESISTOR	82Ω	
SR104	2007-000778	CHIP RESISTOR	330KΩ 1/10W	
SR105	2007-000778	CHIP RESISTOR	330KΩ 1/10W	
SR106	2007-000586	CHIP RESISTOR	22KΩ	
TR01L	2007-000457	CHIP RESISTOR	18KΩ	
TR01R	2007-000457	CHIP RESISTOR	18KΩ	
TR02L	2007-000300	CHIP RESISTOR	10KΩ	
TR02R	2007-000300	CHIP RESISTOR	10KΩ	
WR01L	2007-000312	CHIP RESISTOR	10Ω 1/4W	
WR01R	2007-000312	CHIP RESISTOR	10Ω 1/4W	
WR02L	2007-001074	CHIP RESISTOR	6.8Ω 1/8W	
WR02R	2007-001074	CHIP RESISTOR	6.8Ω 1/8W	
WR03L	2007-001074	CHIP RESISTOR	6.8Ω 1/8W	
WR03R	2007-001074	CHIP RESISTOR	6.8Ω 1/8W	
WR04L	2007-001074	CHIP RESISTOR	6.8Ω 1/8W	
WR04R	2007-001074	CHIP RESISTOR	6.8Ω 1/8W	
WR05L	2007-001074	CHIP RESISTOR	6.8Ω 1/8W	
WR05R	2007-001074	CHIP RESISTOR	6.8Ω 1/8W	
WR07L	2007-000300	CHIP RESISTOR	10KΩ	
WR07R	2007-000300	CHIP RESISTOR	10KΩ	
WR08L	2007-000312	CHIP RESISTOR	10Ω 1/4W	
WR08R	2007-000312	CHIP RESISTOR	10Ω 1/4W	
WR09L	2007-000312	CHIP RESISTOR	10Ω 1/4W	
WR09R	2007-000312	CHIP RESISTOR	10Ω 1/4W	
WR10L	2007-000312	CHIP RESISTOR	10Ω 1/4W	
WR10R	2007-000312	CHIP RESISTOR	10Ω 1/4W	
XR101	2007-000477	CHIP RESISTOR	1MΩ	
XR102	2007-000931	CHIP RESISTOR	470Ω	
FL01L	AH27-00061A	COIL FILTER	45mΩ	
FL01R	AH27-00061A	COIL FILTER	45mΩ	
FL02L	AH27-00061A	COIL FILTER	45mΩ	
FL02R	AH27-00061A	COIL FILTER	45mΩ	
WL01L	AH27-00062A	COIL FILTER	45mΩ	
WL01R	AH27-00062A	COIL FILTER	45mΩ	
WL02L	AH27-00062A	COIL FILTER	45mΩ	
WL02R	AH27-00062A	COIL FILTER	45mΩ	
WL03L	AH27-00062A	COIL FILTER	45mΩ	
WL03R	AH27-00062A	COIL FILTER	45mΩ	
WL04L	AH27-00062A	COIL FILTER	45mΩ	
WL04R	AH27-00062A	COIL FILTER	45mΩ	
AQ101	KSC2331	TRANSISTOR	0501-000369	
AQ102	KTA1273	TRANSISTOR	0501-000422	
CN101	3708-001696	CONNECTOR	24P	
CN102	3711-000724	CONNECTOR	15P	
CN105	3711-002809	CONNECTOR	BOX 8P 1R 2mm	
CN106	AH39-00904A	CONNECT WIRE	9P for SMPS SMCN01	
CN107	AH39-00903A	CONNECT WIRE	15P for SMPS-SMCN02	
CN108	3711-000820	CONNECTOR	2P 1R 2.5mm	
CQ101	KSR2101	TRANSISTOR	0504-000152	
CQ102	KTD1304	TRANSISTOR	0501-002184	
CQ103	KTD1304	TRANSISTOR	0501-002184	
EL101	3301-001345	FERRITE BEADS	600 Ω 300mA	
EL102	3301-001345	FERRITE BEADS	600 Ω 300mA	
EQ101	KTD1304	TRANSISTOR	0501-002184	
FL003	3301-001345	FERRITE BEADS	600 Ω 300mA	
FL03L	AH29-00014A	LINE FILTER	PLF1109-002	
FL03R	AH29-00014A	LINE FILTER	PLF1109-002	
HL01L	3301-001345	FERRITE BEADS	600 Ω 300mA	
HL01R	3301-001345	FERRITE BEADS	600 Ω 300mA	
HQ002	KTD1304	TRANSISTOR	0501-002184	
HQ01L	KTD1304	TRANSISTOR	0501-002184	

⚠ Symbol No.	Part No.	Part Name	Description	Local
HQ01R	KTD1304	TRANSISTOR	0501-002184	
ML101	3301-001345	FERRITE BEADS	600 Ω 300mA	
ML102	3301-001345	FERRITE BEADS	600 Ω 300mA	
ML103	3301-001345	FERRITE BEADS	600 Ω 300mA	
ML104	3301-001345	FERRITE BEADS	600 Ω 300mA	
SCREW	6003-000276	SCREW	M3X10 YEL	
SP101	3716-001208	TERMINAL BLOCK	8P	
SQ102	KSC2331	TRANSISTOR	0501-000369	
SQ103	KSC2331	TRANSISTOR	0501-000369	
SQ104	KTC3199-Y	TRANSISTOR	0501-000014	
SQ105	KTC3199-Y	TRANSISTOR	0501-000014	
SQ106	KSR2103	DIGI TRANSISTOR	0504-000156	
SQ107	KTA1268	TRANSISTOR	0501-000630	
TU101	AH40-00123A	TUNER		
WL05L	3301-001345	FERRITE BEADS	600 Ω 300mA	
WL05R	3301-001345	FERRITE BEADS	600 Ω 300mA	
XT101	2801-004354	CRYSTAL	12.288MHZ	
XXXXX	AH38-00013A	WIRE	250MM	

CD board

Block No. [0][3]

⚠ Symbol No.	Part No.	Part Name	Description	Local
IC101	1204-001799	IC	KB9226	
IC201	0904-002080	IC	S5L8310X	
IC301	1003-000179	IC	KA9258D	
IC401	1003-001418	IC	FAN8082	
IC501	1105-001261	IC	12L1616A	
Q101	KSA812	TR-SMALL SIGNAL	0501-000002	
Q302	KSC1008	TRANSISTOR	0501-000010	
Q303	KSC1008	TRANSISTOR	0501-000010	
D201	DAN217	DIODE	0401-000008	
D301	1N5392	DIODE	0402-000151	
D302	UZ3.9B	Z DIODE	0403-000344	
D305	UZ2.7BSA	Z DIODE	0403-000334	
D306	SB01-05CP	DIODE	0404-000144	
D307	1SS355	DIODE	0401-001090	
D401	MTZJ5.6B	Z DIODE	0403-000509	
C101	2203-001026	CHIP CAPACITOR	0.004nF 50V	
C103	2203-000892	CHIP CAPACITOR	4.7nF 50V	
C104	2203-000892	CHIP CAPACITOR	4.7nF 50V	
C105	2401-002042	E CAPACITOR	220uF 10V	
C107	2401-001625	E CAPACITOR	6.8uF 50V	
C109	2203-000206	CHIP CAPACITOR	100nF 50V	
C110	2203-000206	CHIP CAPACITOR	100nF 50V	
C111	2203-001537	CHIP CAPACITOR	1nF 50V	
C112	2203-000206	CHIP CAPACITOR	100nF 50V	
C113	2203-000802	CHIP CAPACITOR	33nF 50V	
C114	2404-000148	C CAPACITOR	1uF	
C115	2203-000260	CHIP CAPACITOR	10nF 50V	
C116	2203-000919	CHIP CAPACITOR	470nF	
C117	2203-000260	CHIP CAPACITOR	10nF 50V	
C118	2401-000480	E CAPACITOR	10uF 50V	
C119	2203-001137	CHIP CAPACITOR	68nF 50V	
C120	2203-000206	CHIP CAPACITOR	100nF 50V	
C121	2203-001064	CHIP CAPACITOR	56nF 50V	
C122	2203-000840	CHIP CAPACITOR	0.39nF 50V	
C123	2203-000495	CHIP CAPACITOR	2.2nF 50V	
C124	2203-000595	CHIP CAPACITOR	0.22nF 50V	
C125	2203-000206	CHIP CAPACITOR	100nF 50V	
C126	2203-000206	CHIP CAPACITOR	100nF 50V	
C127	2203-000802	CHIP CAPACITOR	33nF 50V	
C128	2401-002042	E CAPACITOR	220uF 10V	
C129	2203-001537	CHIP CAPACITOR	1nF 50V	
C130	2203-000260	CHIP CAPACITOR	10nF 50V	
C131	2203-001551	CHIP CAPACITOR	1.5nF 50V	
C132	2203-000609	CHIP CAPACITOR	22nF 50V	
C133	2203-001137	CHIP CAPACITOR	68nF 50V	
C134	2401-002042	E CAPACITOR	220uF 10V	
C135	2401-002042	E CAPACITOR	220uF 10V	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C140	2203-000239	CHIP CAPACITOR	0.1nF 50V	
C141	2203-000239	CHIP CAPACITOR	0.1nF 50V	
C142	2203-000239	CHIP CAPACITOR	0.1nF 50V	
C143	2203-000260	CHIP CAPACITOR	10nF 50V	
C201	2203-001537	CHIP CAPACITOR	1nF 50V	
C202	2203-000206	CHIP CAPACITOR	100nF 50V	
C203	2401-000480	E CAPACITOR	10uF 50V	
C204	2203-001537	CHIP CAPACITOR	1nF 50V	
C205	2203-001537	CHIP CAPACITOR	1nF 50V	
C207	2401-000240	E CAPACITOR	100uF 10V	
C208	2203-000206	CHIP CAPACITOR	100nF 50V	
C210	2401-000240	E CAPACITOR	100uF 10V	
C211	2203-000206	CHIP CAPACITOR	100nF 50V	
C214	2203-000206	CHIP CAPACITOR	100nF 50V	
C215	2203-000206	CHIP CAPACITOR	100nF 50V	
C216	2203-000206	CHIP CAPACITOR	100nF 50V	
C218	2203-000206	CHIP CAPACITOR	100nF 50V	
C219	2401-000240	E CAPACITOR	100uF 10V	
C220	2203-000206	CHIP CAPACITOR	100nF 50V	
C221	2401-000240	E CAPACITOR	100uF 10V	
C222	2203-000683	CHIP CAPACITOR	0.027nF 50V	
C223	2203-000683	CHIP CAPACITOR	0.027nF 50V	
C224	2203-000206	CHIP CAPACITOR	100nF 50V	
C226	2203-000203	CHIP CAPACITOR	100nF 16V	
C227	2203-000203	CHIP CAPACITOR	100nF 16V	
C230	2203-000239	CHIP CAPACITOR	0.1nF 50V	
C231	2203-000239	CHIP CAPACITOR	0.1nF 50V	
C232	2203-000239	CHIP CAPACITOR	0.1nF 50V	
C233	2203-000239	CHIP CAPACITOR	0.1nF 50V	
C302	2401-001102	E CAPACITOR	330uF 16V	
C303	2401-000240	E CAPACITOR	100uF 10V	
C304	2401-000240	E CAPACITOR	100uF 10V	
C401	2203-000206	CHIP CAPACITOR	100nF 50V	
C406	2203-000206	CHIP CAPACITOR	100nF 50V	
C407	2202-002037	CHIP CAPACITOR	100nF 50V	
C501	2203-000206	CHIP CAPACITOR	100nF 50V	
C502	2203-000206	CHIP CAPACITOR	100nF 50V	
C503	2401-000240	E CAPACITOR	100uF 10V	
C206R	2401-000027	E CAPACITOR	4.7uF 50V	
C209R	2203-000495	CHIP CAPACITOR	2.2nF 50V	
C212L	2401-000027	E CAPACITOR	4.7uF 50V	
C213L	2203-000495	CHIP CAPACITOR	2.2nF 50V	
J1	2007-000033	CHIP RESISTOR	0Ω	
J2	2007-000033	CHIP RESISTOR	0Ω	
J3	2007-000033	CHIP RESISTOR	0Ω	
J4	2007-000029	CHIP RESISTOR	0Ω	
J5	2007-000033	CHIP RESISTOR	0Ω	
J6	2007-000029	CHIP RESISTOR	0Ω	
J7	2007-000029	CHIP RESISTOR	0Ω	
J8	2007-000033	CHIP RESISTOR	0Ω	
J9	2007-000029	CHIP RESISTOR	0Ω	
J10	2007-000033	CHIP RESISTOR	0Ω	
J11	2007-000033	CHIP RESISTOR	0Ω	
J12	2007-000029	CHIP RESISTOR	0Ω	
J13	2007-000029	CHIP RESISTOR	0Ω	
J14	2007-000029	CHIP RESISTOR	0Ω	
J15	2007-000029	CHIP RESISTOR	0Ω	
J16	2007-000029	CHIP RESISTOR	0Ω	
J17	2007-000029	CHIP RESISTOR	0Ω	
J18	2007-000029	CHIP RESISTOR	0Ω	
J19	2007-000033	CHIP RESISTOR	0Ω	
J20	2007-000033	CHIP RESISTOR	0Ω	
J21	2007-000029	CHIP RESISTOR	0Ω	
J22	2007-000033	CHIP RESISTOR	0Ω	
R101	2007-000457	CHIP RESISTOR	18KΩ	
R102	2007-000444	CHIP RESISTOR	180KΩ	
R103	2007-000001	CHIP RESISTOR	120Ω	
R104	2007-000468	CHIP RESISTOR	1KΩ	
R105	2007-000477	CHIP RESISTOR	1MΩ	
R106	2007-001177	CHIP RESISTOR	8.2KΩ	
R107	2007-000546	CHIP RESISTOR	20KΩ	
R108	2001-000331	C RESISTOR	12KΩ 1/8W	
R109	2007-000300	CHIP RESISTOR	10KΩ	
R110	2007-000300	CHIP RESISTOR	10KΩ	
R111	2007-001208	CHIP RESISTOR	82KΩ	
R112	2007-001039	CHIP RESISTOR	56KΩ	
R113	2007-000409	CHIP RESISTOR	15KΩ	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R114	2007-000941	CHIP RESISTOR	47KΩ	
R115	2007-000338	CHIP RESISTOR	120KΩ	
R116	2007-000338	CHIP RESISTOR	120KΩ	
R117	2007-001039	CHIP RESISTOR	56KΩ	
R118	2007-001208	CHIP RESISTOR	82KΩ	
R119	2007-000653	CHIP RESISTOR	27KΩ	
R120	2007-000941	CHIP RESISTOR	47KΩ	
R121	2007-000308	CHIP RESISTOR	10Ω	
R122	2001-001000	C RESISTOR	82KΩ 1/8W	
R123	2007-001039	CHIP RESISTOR	56KΩ	
R124	2007-001039	CHIP RESISTOR	56KΩ	
R125	2007-001039	CHIP RESISTOR	56KΩ	
R126	2007-001039	CHIP RESISTOR	56KΩ	
R127	2007-001208	CHIP RESISTOR	82KΩ	
R128	2007-001216	CHIP RESISTOR	82Ω	
R129	2007-001195	CHIP RESISTOR	820KΩ	
R209	2007-000477	CHIP RESISTOR	1MΩ	
R210	2001-000734	C RESISTOR	4.7KΩ 1/8W	
R211	2007-000300	CHIP RESISTOR	10KΩ	
R213	2007-000572	CHIP RESISTOR	220Ω	
R216	2007-000931	CHIP RESISTOR	470Ω	
R217	2007-000931	CHIP RESISTOR	470Ω	
R302	2007-001216	CHIP RESISTOR	82Ω	
R303	2007-001216	CHIP RESISTOR	82Ω	
R406	2007-000931	CHIP RESISTOR	470Ω	
R407	2007-000931	CHIP RESISTOR	470Ω	
R408	2007-000931	CHIP RESISTOR	470Ω	
R409	2007-000941	CHIP RESISTOR	47KΩ	
R411	2007-000872	CHIP RESISTOR	4.7KΩ	
R412	2007-000872	CHIP RESISTOR	4.7KΩ	
R420	2007-000468	CHIP RESISTOR	1KΩ	
R421	2007-000931	CHIP RESISTOR	470Ω	
R422	2001-000780	C RESISTOR	470KΩ 1/8W	
R423	2001-000780	C RESISTOR	470KΩ 1/8W	
R425	2007-000931	CHIP RESISTOR	470Ω	
R426	2007-000931	CHIP RESISTOR	470Ω	
R427	2007-000931	CHIP RESISTOR	470Ω	
R428	2001-000780	C RESISTOR	470KΩ 1/8W	
R429	2007-000468	CHIP RESISTOR	1KΩ	
R430	2007-000941	CHIP RESISTOR	47KΩ	
R431	2007-000941	CHIP RESISTOR	47KΩ	
R432	2007-000941	CHIP RESISTOR	47KΩ	
R433	2007-000941	CHIP RESISTOR	47KΩ	
R201R	2007-000290	CHIP RESISTOR	100Ω	
R202R	2007-000282	CHIP RESISTOR	100KΩ	
R203L	2007-000282	CHIP RESISTOR	100KΩ	
R204L	2007-000290	CHIP RESISTOR	100Ω	
CW101	3708-001252	CONNECTOR	16P 1mm	
CW102	3711-000494	CONNECTOR	6P	
CW105	3708-001438	CONNECTOR	22P 1.25mm	
CW106	AH39-00345A	WIRE HARNESS	8P for AMP CN103	
CW107	3711-000906	CONNECTOR	3P 1R 2mm	
CW102A	AH39-00794A	CONNECT WIRE	6P DVD-K170	
XT201	2802-000211	C RESONATOR	16.93MHz	

Wiring

Block No. [0][4]

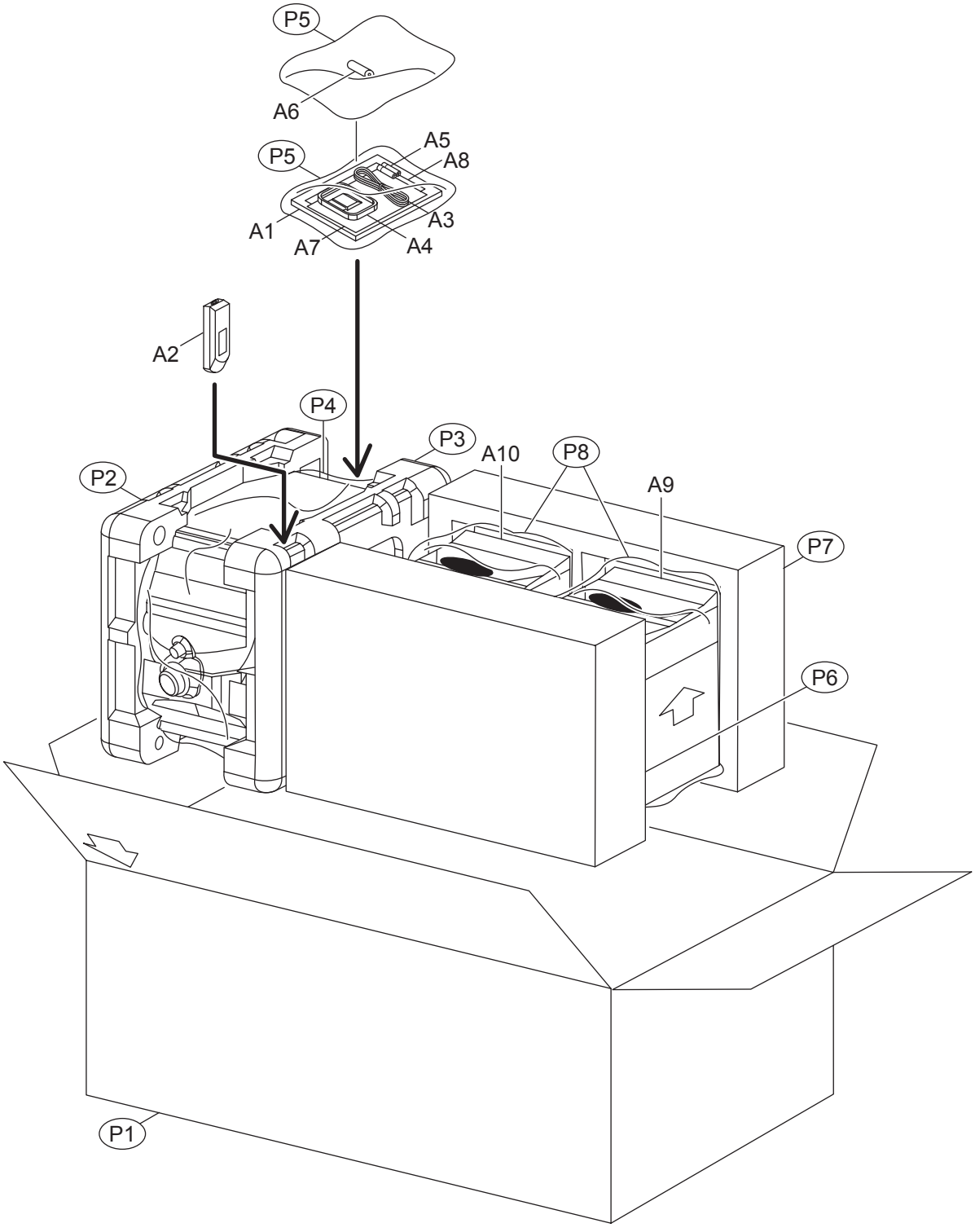
⚠ Symbol No.	Part No.	Part Name	Description	Local
XXXXX	3301-000132	FERRITE BEADS	(x4)	
XXXXX	3809-001346	FLAT CABLE	24P for AMP CN101 to VFD FW101	

<MEMO>

Packing materials and accessories parts list

Block No. M 3 M M

No additional / supplemental order of WARRANTY CARDs are available.



Packing and Accessories

Block No. [M][3][M][M]

⚠	Symbol No.	Part No.	Part Name	Description	Local
	A 1	AH68-01856D	INST BOOK	LVT1541-004A ENG	
	A 2	AH59-01163L	REMOCON		
	A 3	AH39-00320C	FM WIRE		
	A 4	AH42-00023A	AM LOOP ANT		
	A 5	----------	BATTERY	(x2)	
	A 6	AH65-00007A	FERRITE CORE		
	A 7	----------	WARANTY CARD		
	A 8	----------	WARANTY CARD		
	A 9	AH81-01978A	SPEAKER BOX L	LEFT	
	A 10	AH81-01978B	SPEAKER BOX R	RIGHT	
	P 1	AH69-01649C	CARTON	for SET	
	P 2	AH69-01647A	CUSHION L	for SET	
	P 3	AH69-01647A	CUSHION R	for SET	
	P 4	6902-000068	POLY BAG	for SET	
	P 5	6902-000385	POLY BAG	for ACCESSORIES(x2)	
	P 6	AH81-01978V	TOP CUSHION	for SPEAKER	
	P 7	AH81-01978W	BOTTOM CUSHION	for SPEAKER	
	P 8	AH81-02265A	POLY BAG	for SPEAKER(x2)	

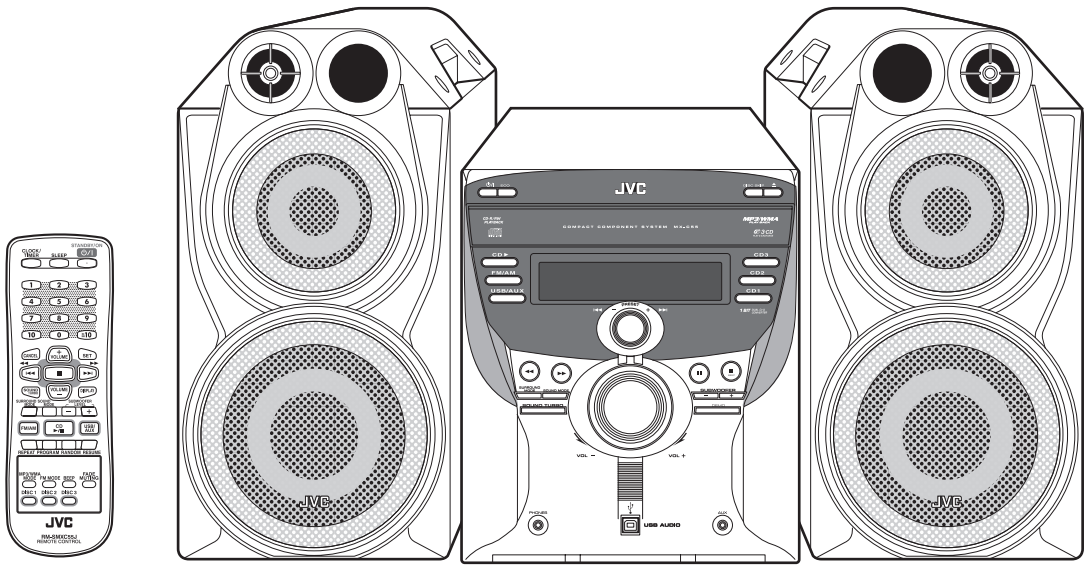
JVC

SCHEMATIC DIAGRAMS

COMPACT COMPONENT SYSTEM

MX-C55A

CD-ROM No.SML200608



SP-MXC55 CA-MXC55 SP-MXC55

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

Contents

Block diagrams ---------- 2-1
Standard schematic diagrams ---------- 2-2
Printed circuit boards ---------- 2-6 to 9

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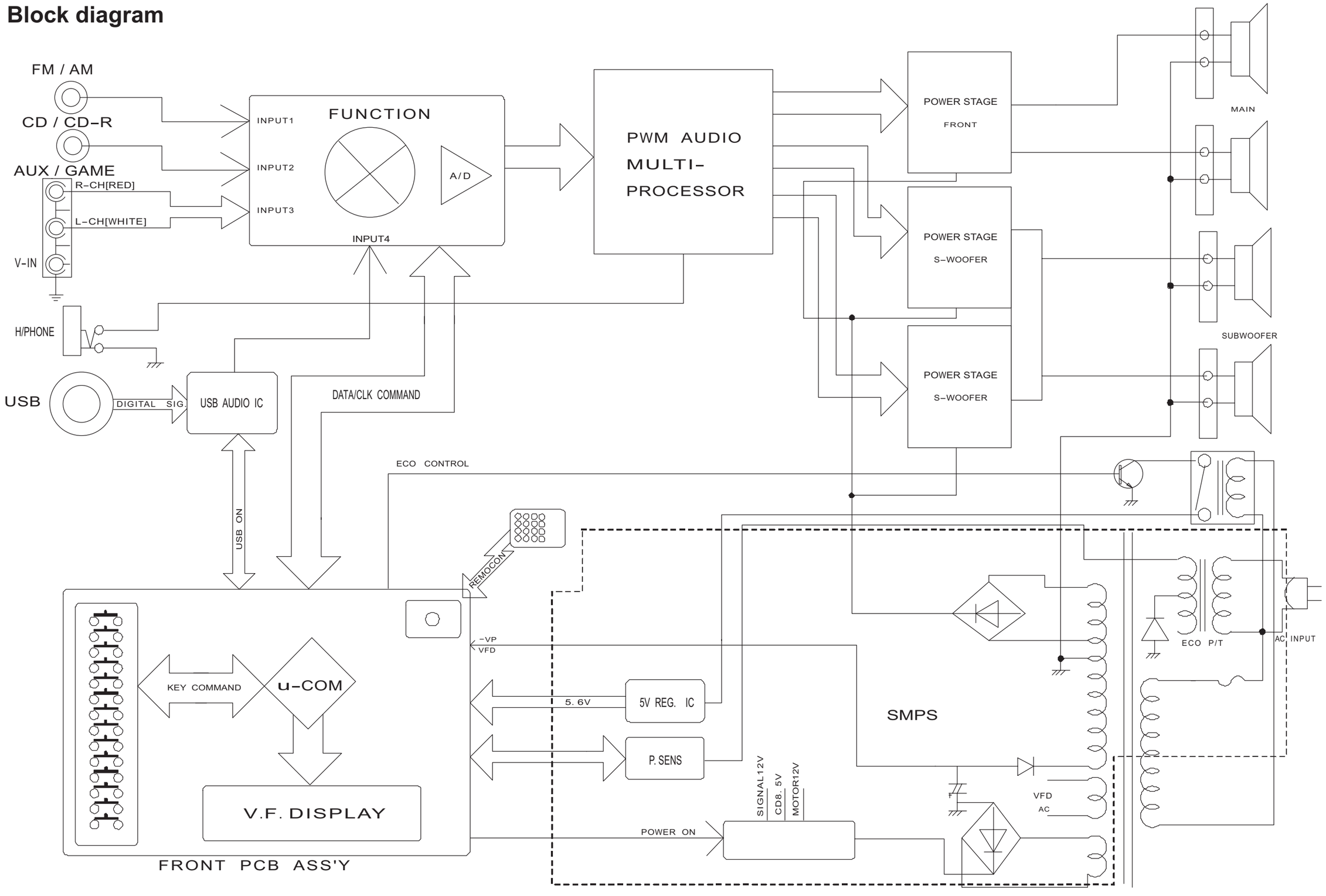
No.MB557SCH
2006/8

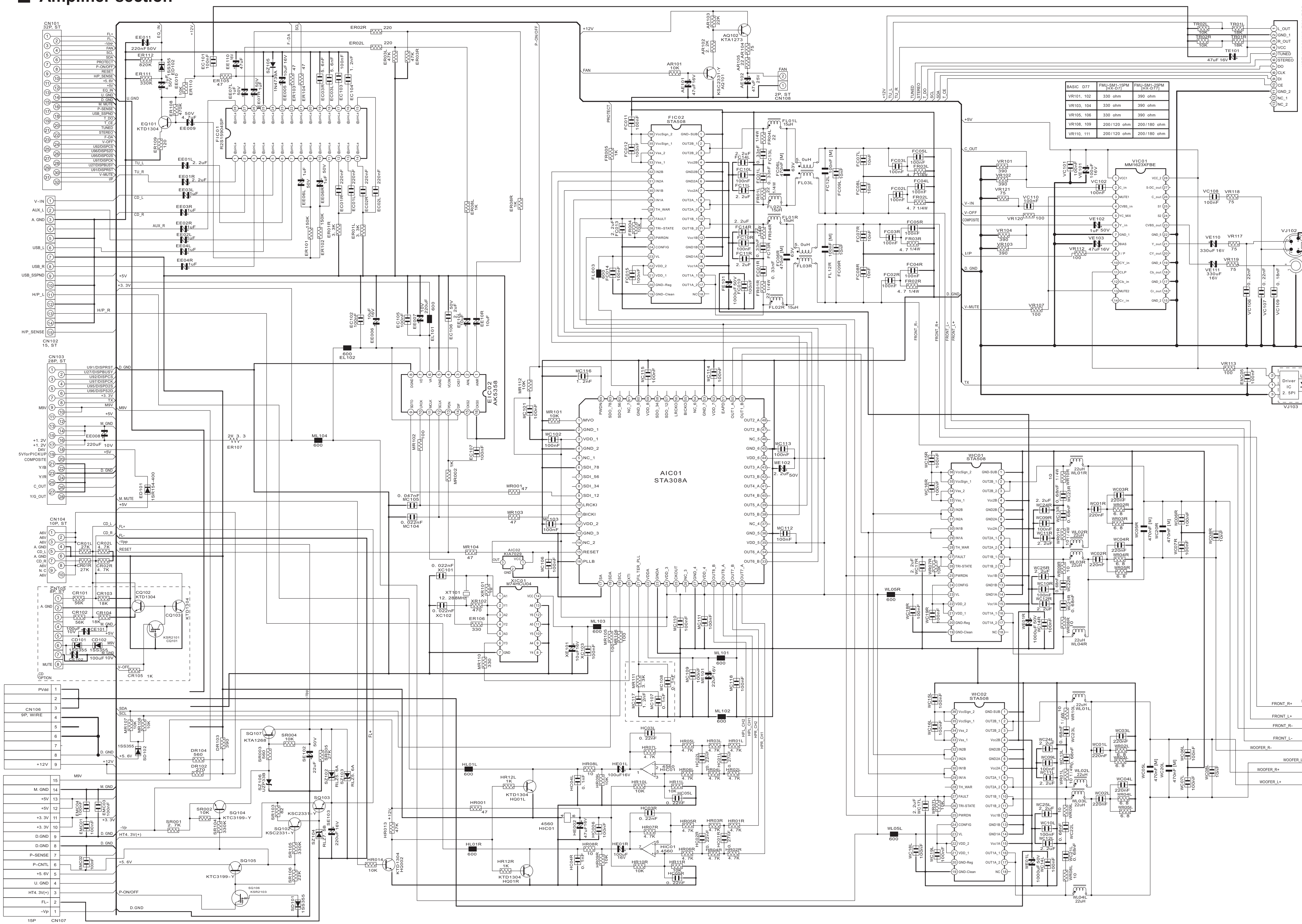
In regard with component parts appearing on the silk-screen printed side (parts side) of the PWB diagrams, the parts that are printed over with black such as the resistor (▬), diode (▮) and ICP (⬤) or identified by the "⚠" mark nearby are critical for safety.

Block diagram



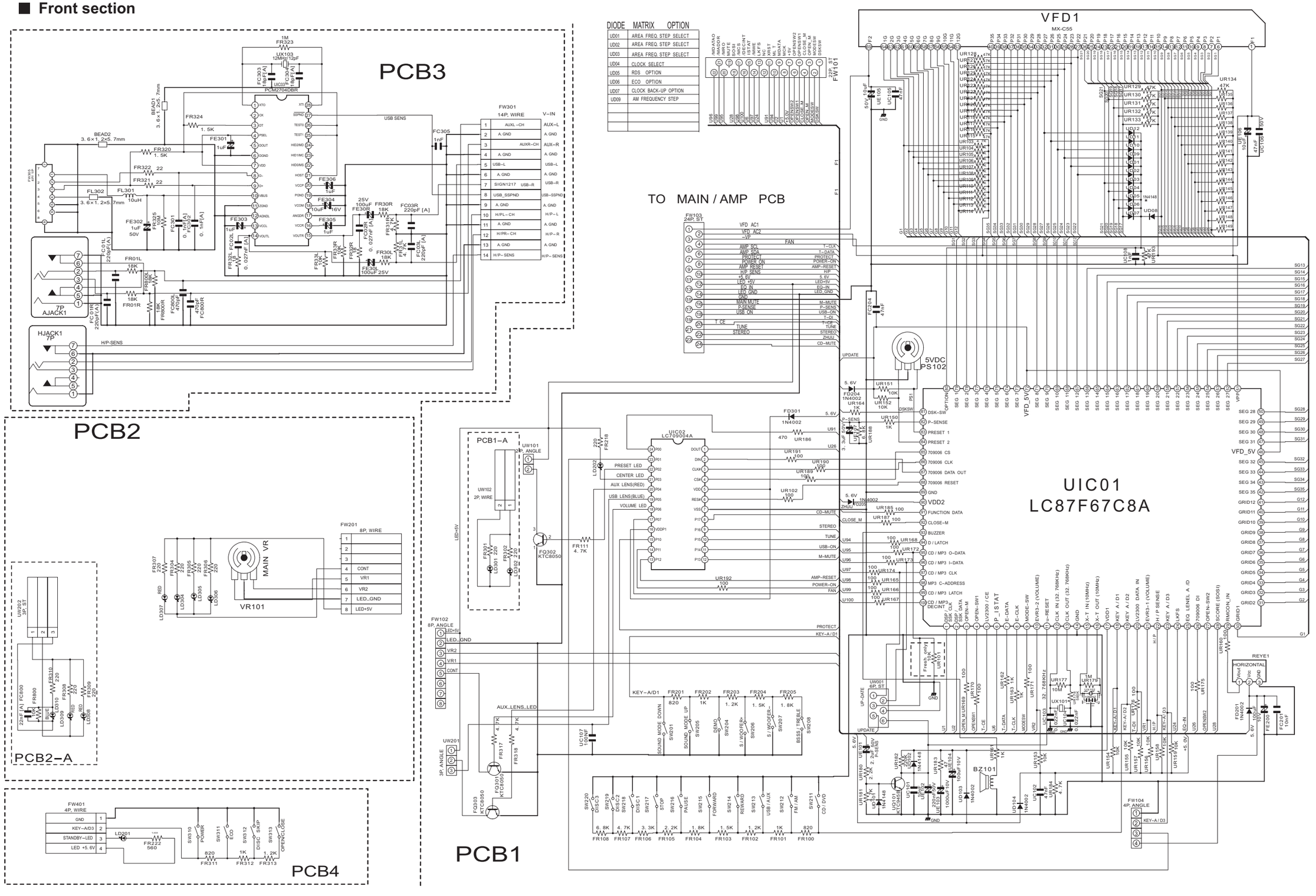
Standard schematic diagrams

■ Amplifier section

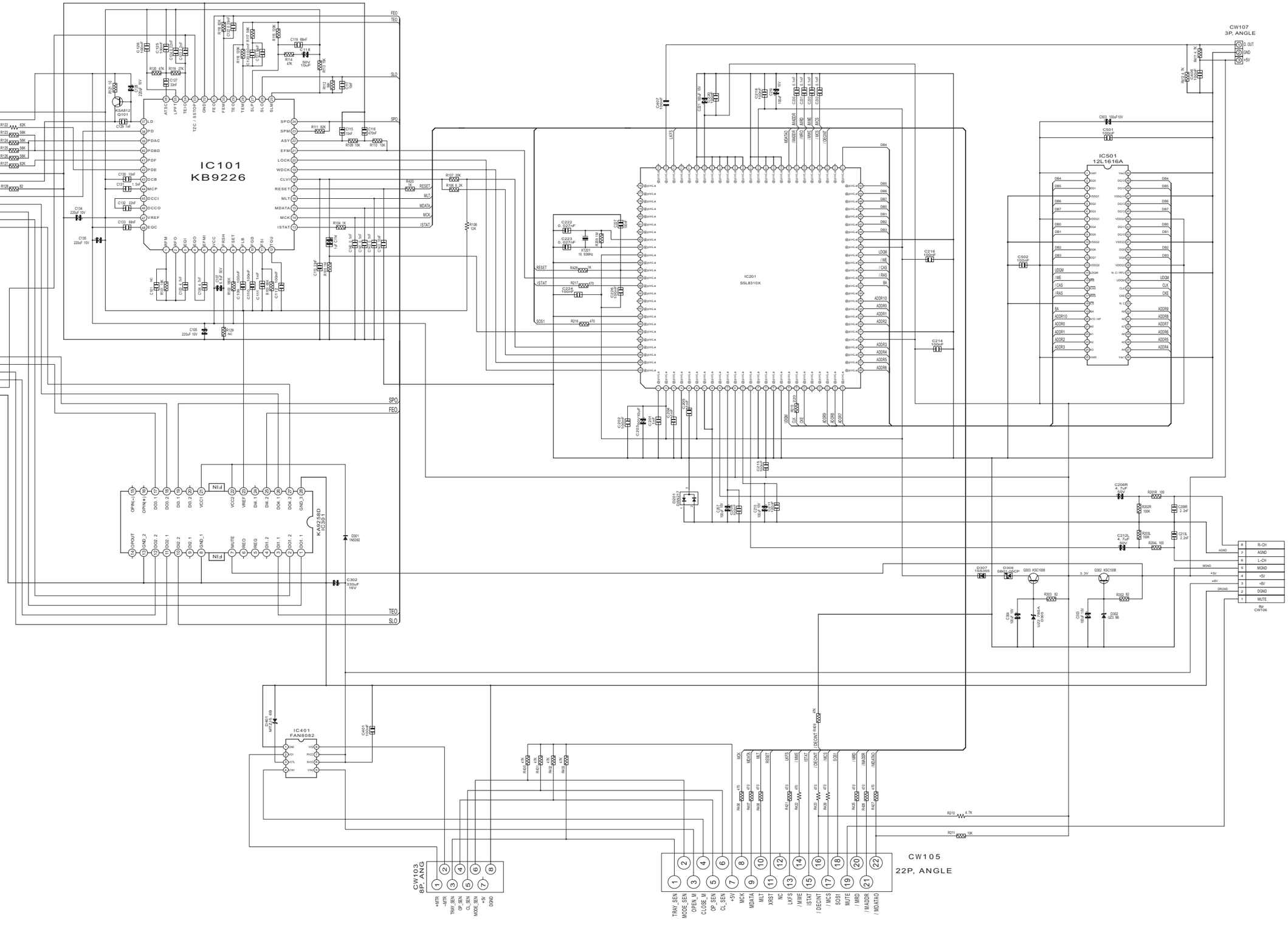

CN101
32P, ST
FL+
FL-
-VPP
FAN
SCL
SDA
PROTECT
P-ON/OFF
RESET
H/P_SENSE
+5.6V
+5V
EQ_IN
U. GND
D. GND
M. MUTE
P-SENSE
USB_SSPND
T_DO
T_CE
TUNED
STEREO
F-DA
V-OFF
U92/DISPCS
U96/DISPS2D
U95/DISPD2S
U97/DISPCK
U27/DISPBUSY
U91/DISPRST
V-MUTE
I/P
V-IN
AUX_L
A. GND
USB_L
USB_R
USB_SSPND
H/P_L
H/P_R
H/P_SENSE
CN102
15, ST
CN103
28P, ST
M9V
+1.2V
D4V
5VforPICKUP
COMPOSITE
Y/B
Y/R
C_OUT
Y/G_OUT
CN104
10P, ST
CN105
8P, ST
CD OPTION
MUTE
CN106
9P, WIRE
PVdd
+12V
CN107
15P
M. GND
+5V
+3.3V
D.GND
P-SENSE
P-CNTL
+5.6V
U. GND
HT4.3V(+)
FL-
-Vp
EQ101
KTD1304
FIC01
R2S15904SP
FIC02
STA508
EIC02
AK5358
AIC01
STA308A
AIC02
KIA7029
XIC01
M74HCU04
XT101
12.288MHz
HIC01
4560
WIC01
STA508
WIC02
STA508
VIC01
MM1623XFBE
AQ101
KSC2331-Y
AQ102
KTA1273
FAN
2P, ST
CN108
CQ102
KTD1304
CQ103
KTD1304
CQ101
KSR2101
SQ107
KTA1268
SQ104
KTC3199-Y
SQ103
KSC2331-Y
SQ102
KSC2331-Y
SQ105
KTC3199-Y
SQ106
KSR2103
HQ002
KTD1304
HQ01L
KTD1304
HQ01R
KTD1304
TU101
KST-MW000MV0-E50LFCC
L_OUT
GND_1
R_OUT
VCC
TUNED
STEREO
DO
CLK
DI
CE
GND_2
NC_1
NC_2
VJ102
VJ103
Driver IC
2.5PI
LED
SP101
SOLDER
FRONT_R+
FRONT_L+
FRONT_R-
FRONT_L-
WOOFER_R-
WOOFER_L-
WOOFER_R+
WOOFER_L+

BASIC D77	FMU-SM1-15PM [HX-D7]	FMU-SM1-25PM [HX-D77]
VR101, 102	330 ohm	390 ohm
VR103, 104	330 ohm	390 ohm
VR105, 106	330 ohm	390 ohm
VR108, 109	200/120 ohm	200/180 ohm
VR110, 111	200/120 ohm	200/180 ohm

■ Front section



■ CD section


CW101
16P, ST
IC101
KB9226
IC201
SSL8310X
IC501
12L1616A
CW107
3P, ANGLE
CW102
6P, ST
IC301
KA9258D
IC401
FAN8082
CW103
8P, ANG
CW105
22P, ANGLE
CW106
8p
FEO
TEO
SLO
SPO
SO51
RESET
ISTAT
MLT
MDATA
MCK
LKFS
IMWE
IMRD
IMADR
IMCS
IDECINT
IRESET
XRST
LDQM
UDQM
CAS
RAS
BA
ADDR10
ADDR0
ADDR1
ADDR2
ADDR3
ADDR4
ADDR5
ADDR6
ADDR7
ADDR8
ADDR9
TRAY_SEN
MODE_SEN
OPEN_M
CLOSE_M
OP_SEN
CL_SEN
+5V
DGND
AGND
MGND
+8V
R-CH
L-CH
MUTE

■ SMPS section

JVC	100V AREA	200V AREA
SMC04	JUMP WIRE	330uF/250V
SMC05	330uF/250V	330uF/250V
SMC14	JUMP WIRE	68uF/250V
SMC15	68uF/250V	68uF/250V

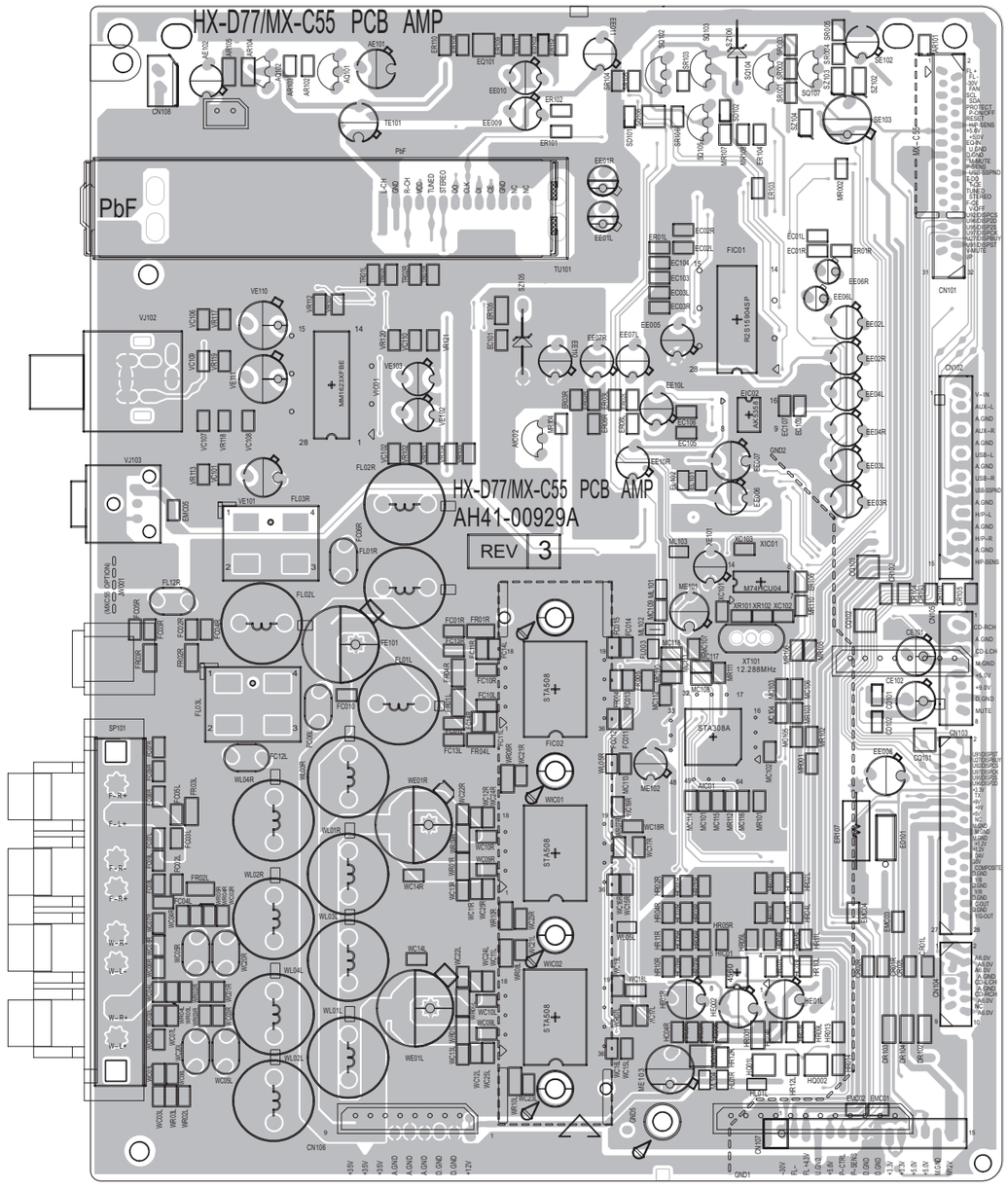
LOC No	Q20	JVC
SMR63	1. 5K	1. 2K
SMR64	15	47
SMR70	150	100
SMR54	2. 2	JUMP WIRE
SMIC43	378R33	278R33
SMIC45	7808	7809
SMD06	X	UF4007
SMR40	120K	X
SMR52	220K	X
SMC06	10uF/50V	22uF/50V

Printed circuit boards

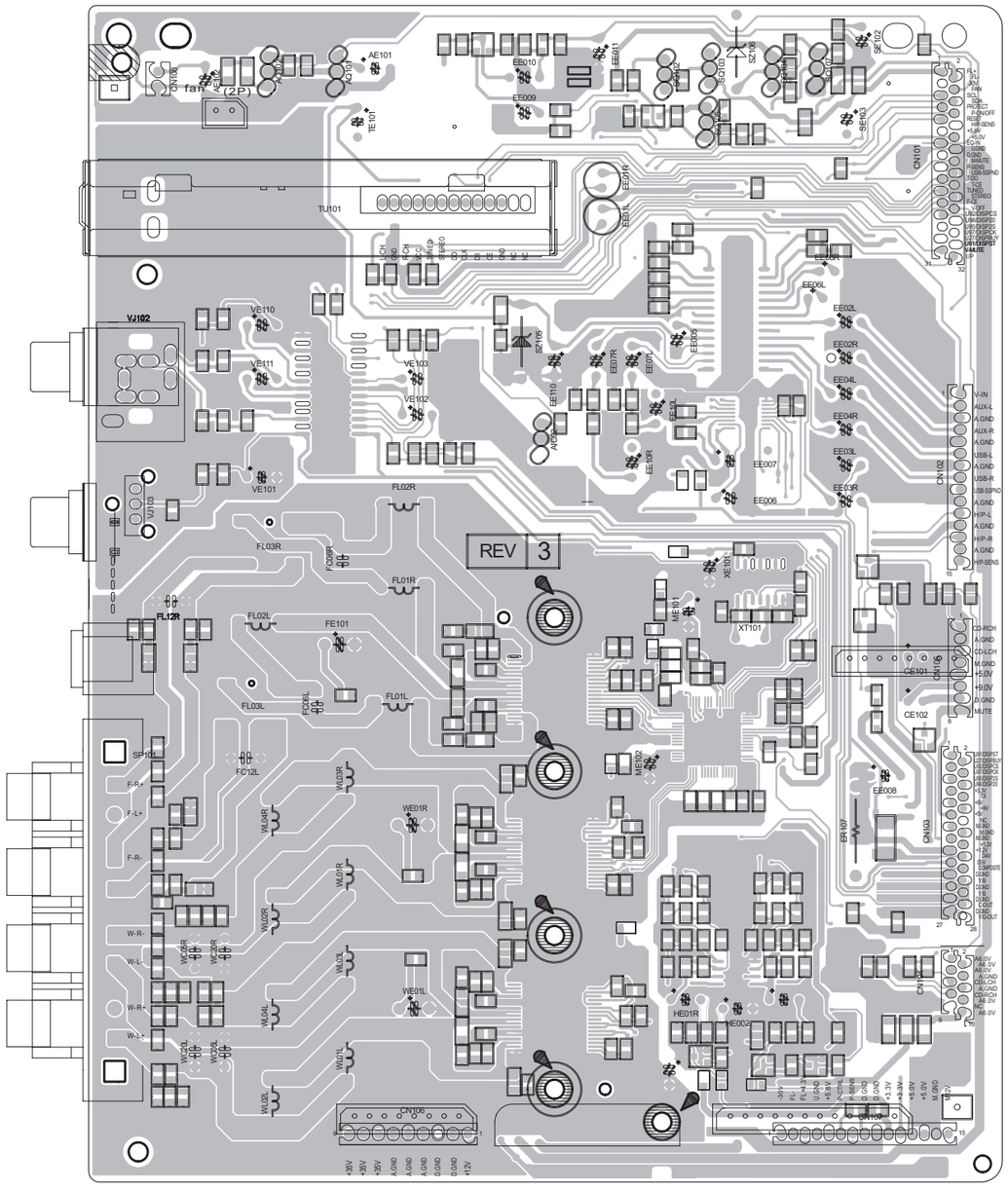
■ Amp board

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

forward side



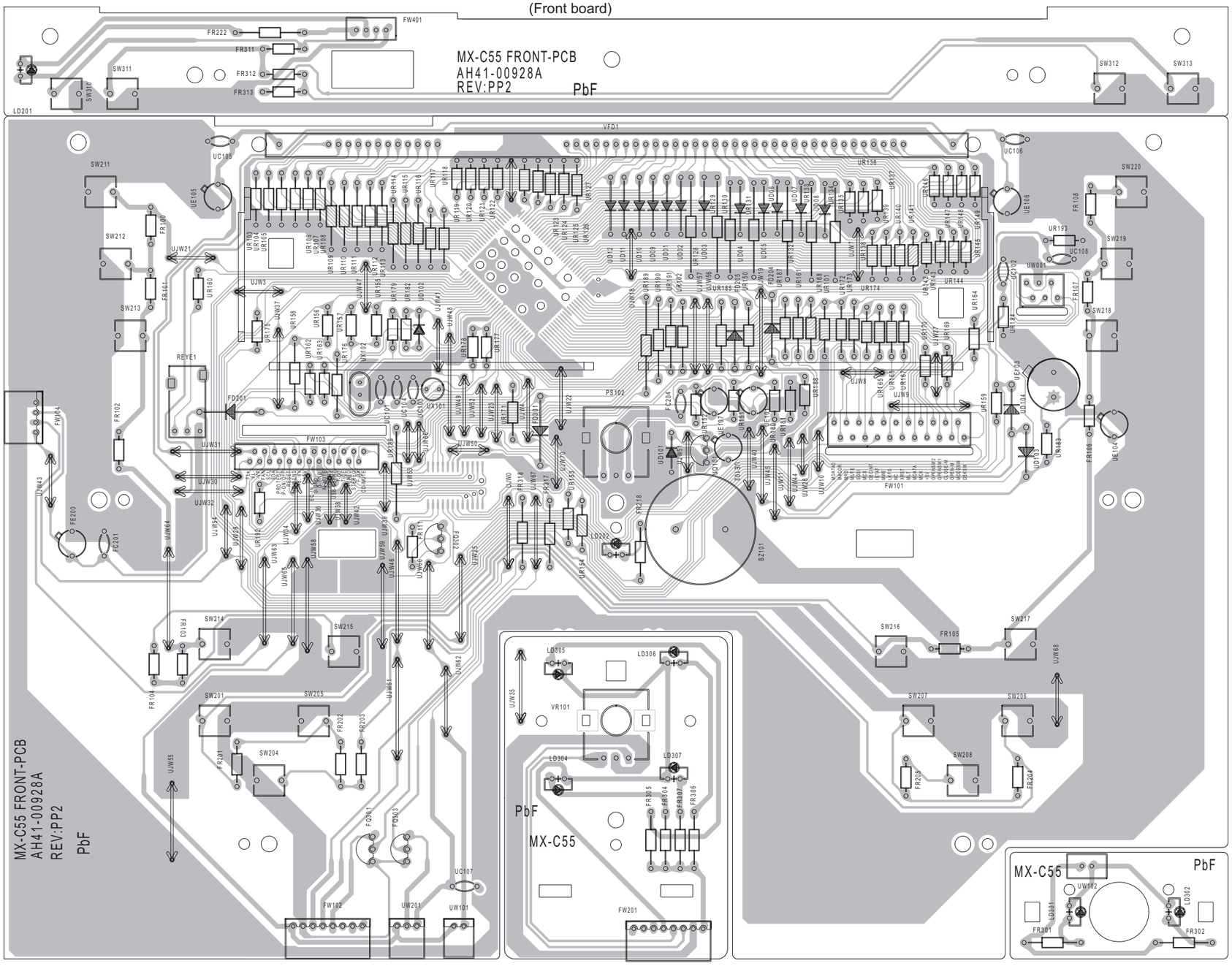
reverse side



■ Front board

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

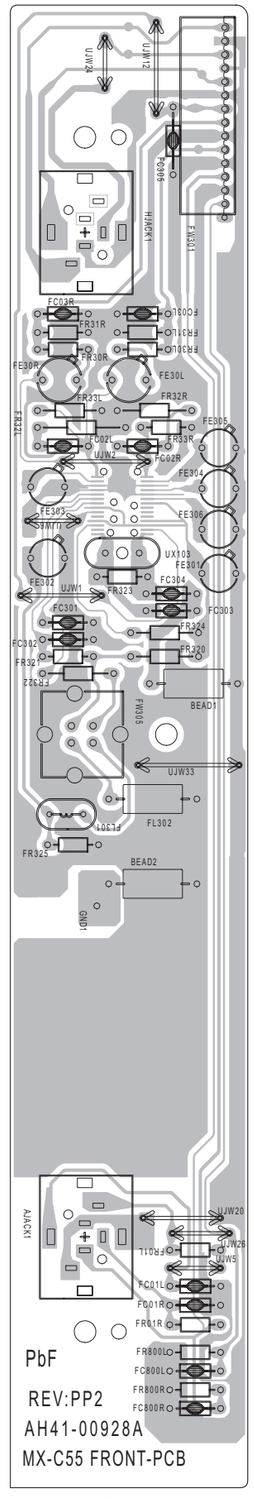
(Front board)



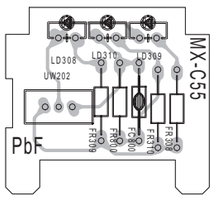
(VFD board)

(LED2 board)

(LED1 board)



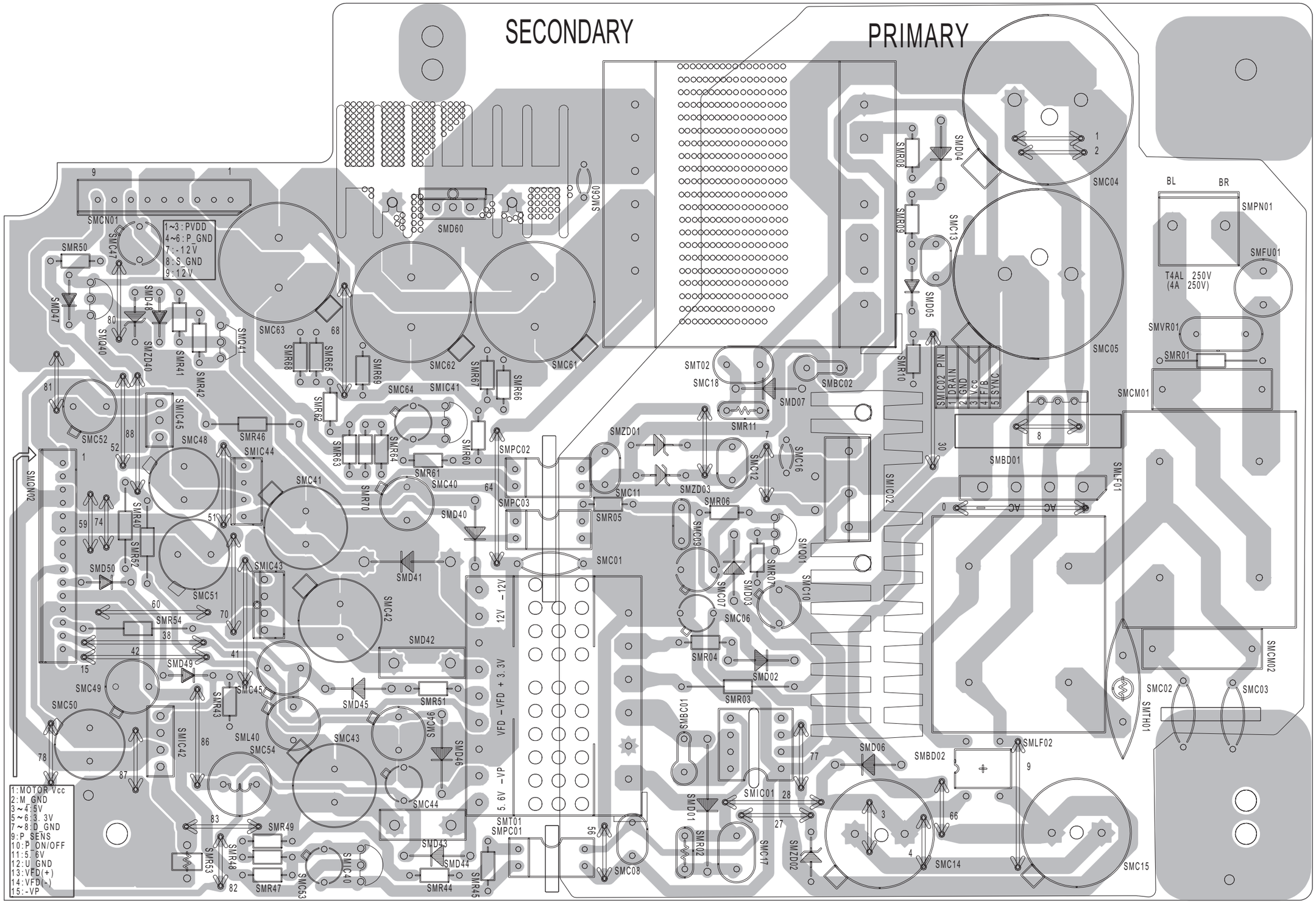
(USB board)



(LED3 board)

■ SMPS board

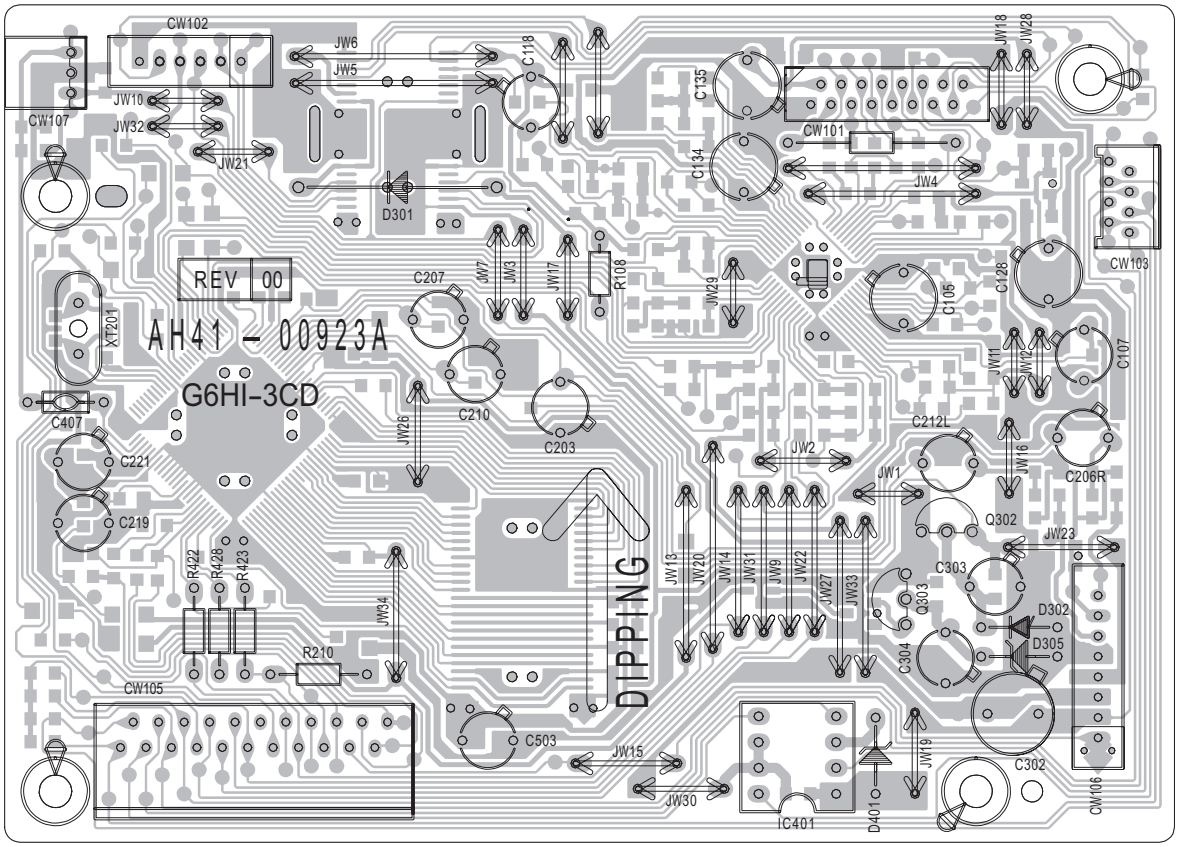
Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)



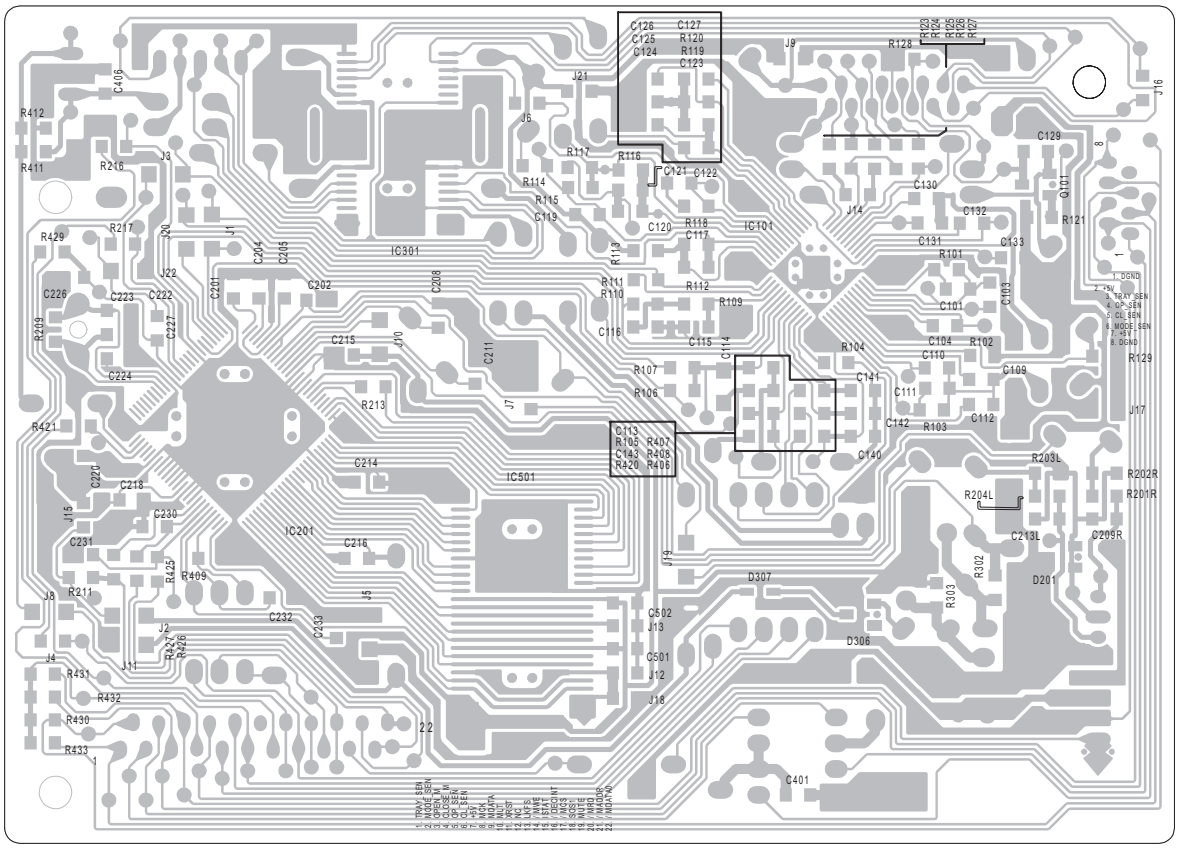
■ CD board

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

forward side



reverse side



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(No.MB557SCH)

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